

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## APPLICATION FOR PERMIT TO DRILL OR DEEPEN

## 1a. TYPE OF WORK

DRILL ☒DEEPEN ☐

## b. TYPE OF WELL

OIL  
WELL ☐GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☐MULTIPLE  
ZONE ☐

## 2. NAME OF OPERATOR

Coastal Oil &amp; Gas Corporation

## 3. ADDRESS AND TELEPHONE NO.

P.O. Box 1148, Vernal UT 84078

(435) 781-7023

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)  
At surface

1671' FNL &amp; 2129' FWL

At proposed prod. zone

623,093 E  
4,429,602 N

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

14.5 miles Southeast of Ouray, UT

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drlg. unit line, if any) 1671'

## 16. NO. OF ACRES IN LEASE

1480

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

N/A

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

See Topo Map C

## 19. PROPOSED DEPTH

8677'

## 20. ROTARY OR CABLE TOOLS

Rotary

## 21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4942.6' Ungraded GR

## 22. APPROX. DATE WORK WILL START\*

Upon Approval

## 23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Attached				
Drilling Program				

Coastal Oil & Gas Corporation proposes to drill a well to the proposed TD as stated above. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

See the attached Drilling Program and Multi-point Surface Use Operations Plan. Coastal Oil & Gas Corporation is considered to be the operator of the subject well. COGC agrees to be responsible under the terms and conditions of the lease for operations conducted upon the leased lands. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided for by Coastal bonds: BLM Nationwide #U605382-9, and State of Utah #102103.

**Federal Approval of this  
Action is Necessary**

OCT 19 1999

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24.

SIGNED

TITLE

Cheryl Cameron  
Environmental Analyst

DATE

10/8/99

(This space for Federal or State office use)

PERMIT NO.

43-047-33413

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

BRADLEY G. HILL  
RECLAMATION SPECIALIST III

DATE

3/14/00

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

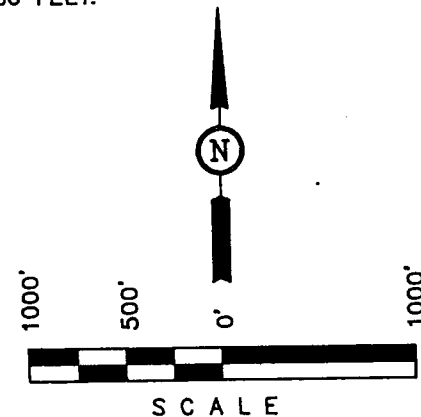
T9S, R21E, S.L.B.&M.

**COASTAL OIL & GAS CORP.**

Well location, NBU #308, located as shown in the SE 1/4 NW 1/4 of Section 28, T9S, R21E, S.L.B.&M., Uintah County, Utah.

**BASIS OF ELEVATION**

SPOT ELEVATION AT THE NW CORNER OF SECTION 28, T9S, R21E, S.L.B.&M. TAKEN FROM THE OURAY SE QUADRANGLE, UTAH, UTAH COUNTY, 7.5 MINUTE SERIES (TOPOGRAPHICAL MAP) PUBLISHED BY THE UNITED STATES DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 4886 FEET.



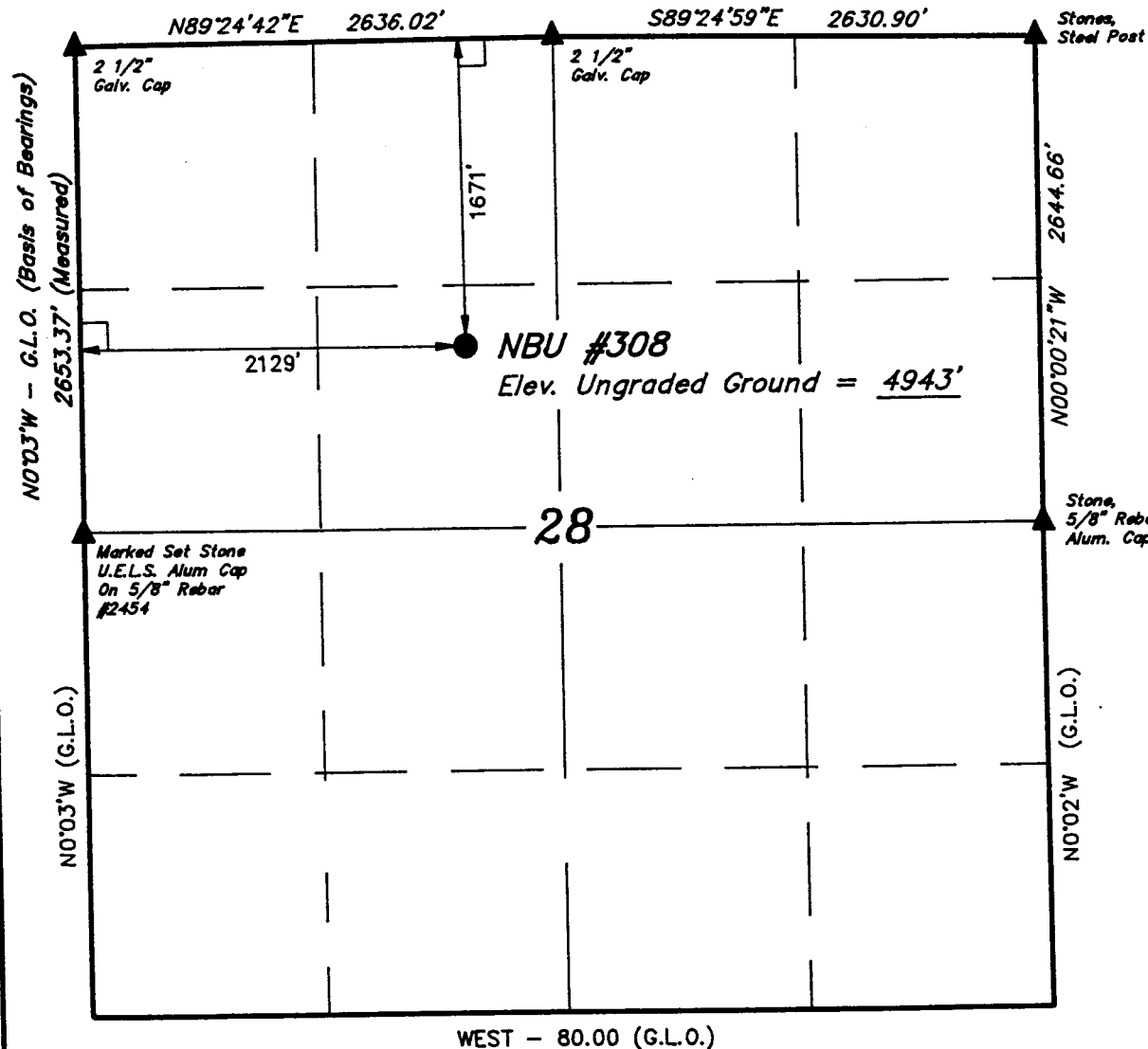
**CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

*Robert L. Hay*  
 REGISTERED LAND SURVEYOR  
 REGISTRATION NO. 181319  
 STATE OF UTAH

**UINTAH ENGINEERING & LAND SURVEYING**  
 85 SOUTH 200 EAST - VERNAL, UTAH 84078  
 (801) 789-1017

SCALE 1" = 1000'	DATE SURVEYED: 1-28-97	DATE DRAWN: 2-4-97
PARTY J.F. K.S. D.COX	REFERENCES G.L.O. PLAT	
WEATHER COOL	FILE COASTAL OIL & GAS CORP.	



**LEGEND:**

- └─┘ = 90° SYMBOL
- = PROPOSED WELL HEAD.
- ▲ = SECTION CORNERS LOCATED.

**Natural Buttes Unit #308  
SE/NW Sec. 28, T9S, R21E  
UINTAH COUNTY, UTAH  
U-0576**

**ONSHORE ORDER NO. 1  
COASTAL OIL & GAS CORPORATION  
*DRILLING PROGRAM***

**1. Estimated Tops of Important Geologic Markers:**

<u>Formation</u>	<u>Depth</u>
KB	4955'
Green River	1687'
Wasatch	4927'
Mesaverde	7877'
TD	8477'

**2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:**

<u>Substance</u>	<u>Formation</u>	<u>Depth</u>
Oil/Gas	Green River	1687'
	Wasatch	4927'
	Mesaverde	7877'
Water	N/A	
Other Minerals	N/A	

**3. Pressure Control Equipment (Schematic Attached)**

*Please see the Natural Buttes Unit Standard Operating Procedure (SOP).*

**4. Proposed Casing & Cementing Program:**

*Please see the Natural Buttes Unit SOP.*

**5. Drilling Fluids Program:**

*Please see the Natural Buttes Unit SOP.*

**6. Evaluation Program:**

*Please see the Natural Buttes Unit SOP.*

**7. Abnormal Conditions:**

Maximum anticipated bottomhole pressure approximately equals 3,471 psi (calculated at 0.4 psi/foot). Maximum anticipated surface pressure equals approximately 1,562 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

**8. Anticipated Starting Dates:**

*Drilling is planned to commence immediately upon approval of this application.*

**9. Variances:**

*Please see Natural Buttes Unit SOP.*

**10. Other Information:**

*Please see Natural Buttes Unit SOP.*

**Natural Buttes Unit #308  
NW/NE, SECTION 28-T9S-R21E  
UINTAH COUNTY, UTAH  
U-00576**

**ONSHORE ORDER NO. 1**

***MULTI-POINT SURFACE USE & OPERATIONS PLAN***

An onsite inspection was conducted for the NBU 308 on 10/14/97. The subject well has not been drilled and another onsite will need to be scheduled.

**1. Existing Roads:**

The proposed well site is approximately 14.05 miles southeast of Ouray, Utah. Directions to the location from Ouray, Utah:

Proceed south from Ouray  $6.9 \pm$  miles on the Seep ridge Road to the junction of this road and an existing oil field service road to the east; turn left and proceed in an easterly direction  $5.0 \pm$  miles to the junction of this road and an existing road to the north; turn left and proceed in a northerly direction  $0.3 \pm$  miles to the junction of this road and an existing road to the northeast; turn right and proceed in a northeasterly direction  $1.3 \pm$  miles to the junction of this road and an existing road to the north; turn left and proceed in a northerly direction  $0.15 \pm$  miles to the existing NBU #133 location; proceed in a northerly then northwesterly direction  $0.2 \pm$  miles to the beginning of the proposed access road to the southwest; follow road flags in a southwesterly then easterly direction  $0.2 \pm$  miles to the proposed location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

There will be no improvements made to existing access roads as discussed at the previous onsite.

**2. Planned Access Roads:**

*Please see the Natural Buttes Unit Standard Operating Procedure (SOP).*

Refer to Topo Map B for the location of the propose access road.

**3. Location of Existing Wells Within a 1-Mile Radius:**

Please refer to Topo Map C.

**4. Location of Existing & Proposed Facilities:**

*Please see the Natural Buttes Unit SOP.*

Refer to Topo Map D for the location of the proposed pipeline.

**5. Location and Type of Water Supply:**

*Please see the Natural Buttes SOP.*

**6. Source of Construction Materials:**

*Please see the Natural Buttes SOP.*

**7. Methods of Handling Waste Materials:**

*Please see the Natural Buttes SOP.*

**8. Ancillary Facilities:**

*Please see the Natural Buttes SOP.*

**9. Well Site Layout: (See Location Layout Diagram)**

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s). *This section is subject to modification as a result of the on-site inspection.*

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

As per previous onsite discussions, a reserve pit liner will be required.

**10. Plans for Reclamation of the Surface:**

*Please see the Natural Buttes SOP.*

The following seed mixture will be used to reclaim the surface. A total of 12 lbs/acre will be used if the seeds are drilled (24 lbs/acre if the seeds are broadcast). The per acre requirements for *drilled* seed are:

Four Wing Salt Bush	4 lbs.
Needle & Thread	3 lbs.
Shadscale	3 lbs.
Galleta	2 lbs.

**11. Surface Ownership:**

The well pad and access road are located on lands owned by:

United States of America  
Bureau of Land Management  
170 South 500 East  
Vernal, UT 84078  
(435) 789-1362

**12. Other Information:**

A Class III archaeological survey was conducted by Metcalf Archaeological Consultants. A copy of this report was submitted directly to the appropriate agencies by Metcalf Archaeological Consultants. Cultural resource clearance was recommended for this location.

**13. Lessee's or Operators's Representative & Certification:**

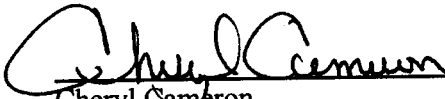
Cheryl Cameron  
Environmental Analyst  
Coastal Oil & Gas Corporation  
P.O. Box 1148  
Vernal, UT 84078  
(435) 781-7023

Tom Young  
Drilling Manager  
Coastal Oil & Gas Corporation  
9 Greenway Plaza, Suite 2770  
Houston, TX 77046  
(713) 418-4156

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

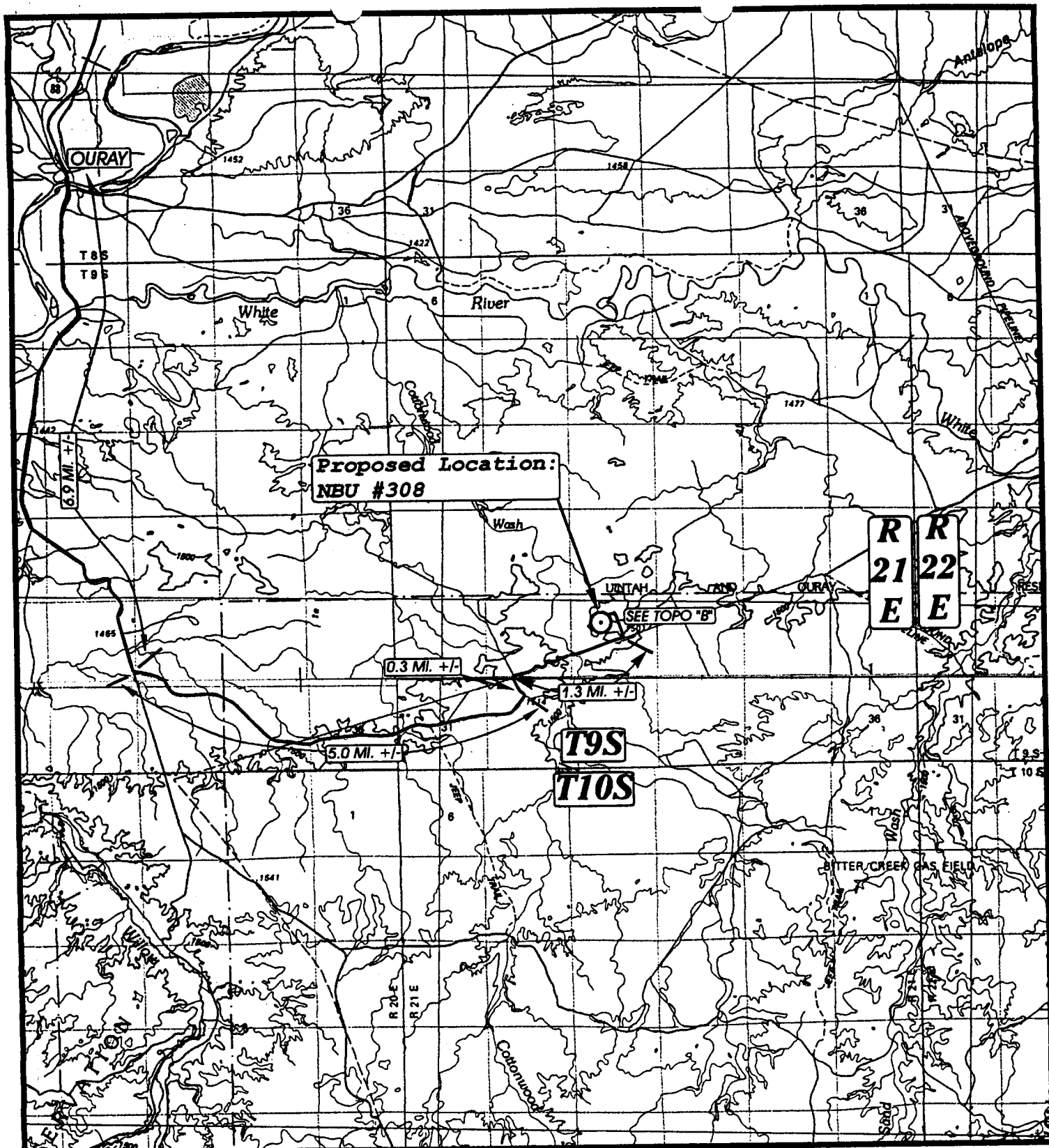
The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

I hereby certify that I, or persons under my supervision, have inspected the proposed drill site and access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

  
Cheryl Cameron

10/8/99

Date



UEIS

**TOPOGRAPHIC  
MAP "A"**

**DATE: 1-29-97  
Drawn by: D.COX**

UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



**COASTAL OIL & GAS CORP.**

**NBU #308  
SECTION 28, T9S, R21E, S.L.B.&M.  
1671' FNL 2129' FWL**



**R 21 E**

**Proposed Location: NBU #308**

**PROPOSED ACCESS 0.2 MI. +/-**

**NBU 175**

**NBU 133**

**0.2 MI. +/-**

**0.15 MI. +/-**

**1.3 MI. +/-**

**0.3 MI. +/-**

**11.9 MI. +/-**

**PIPELINE**

**Gas Well**

**Pumping Station**

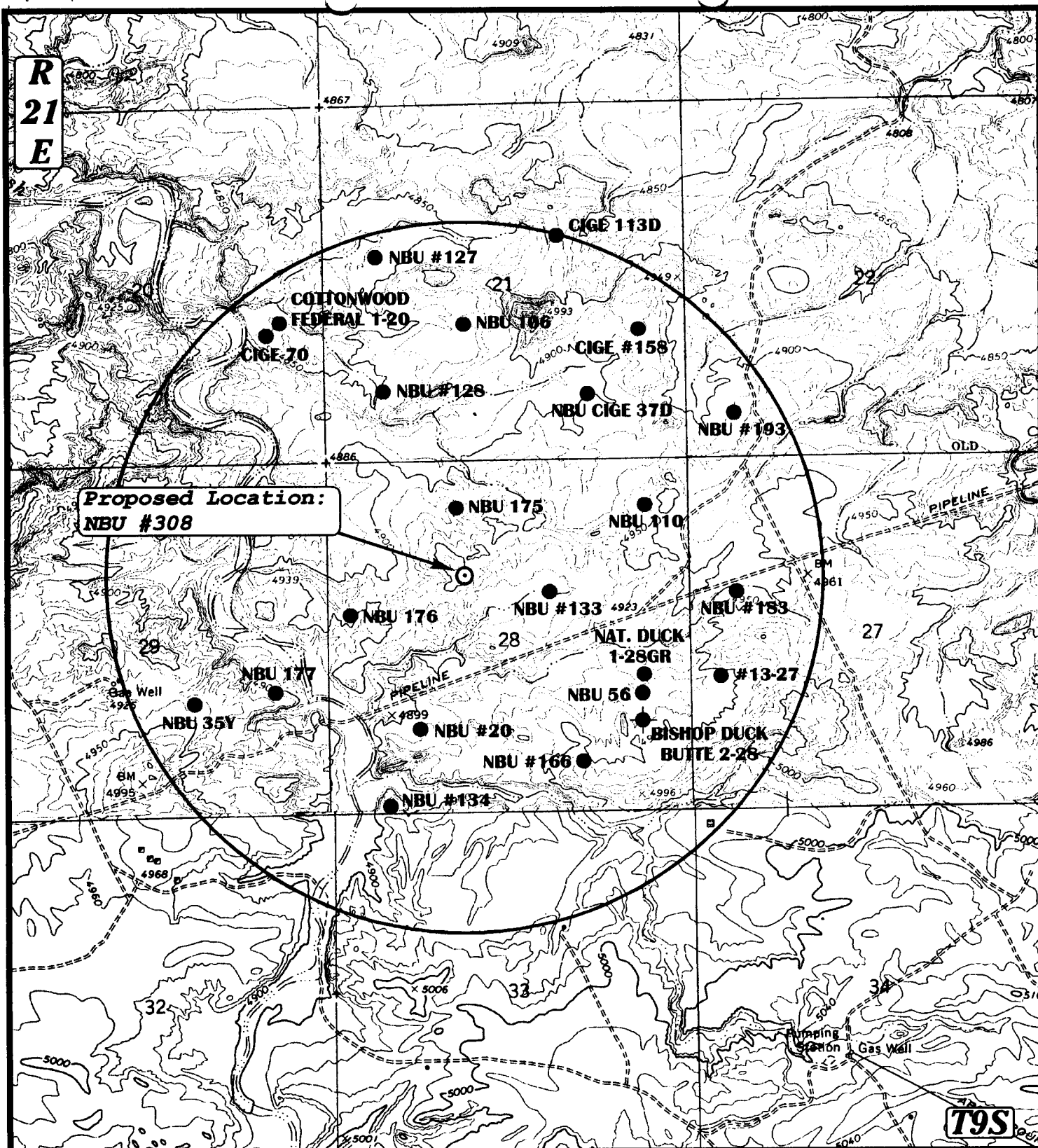
**T9S**

**T10S**

# UELS

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R  
21  
E



**LEGEND:**

- UELS**
- Water Wells
  - Abandoned Wells
  - Temporarily Abandoned Wells
  - Disposal Wells
  - Drilling Wells
  - Producing Wells
  - Shut-in Wells

Utah Engineering & Land Surveying  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017



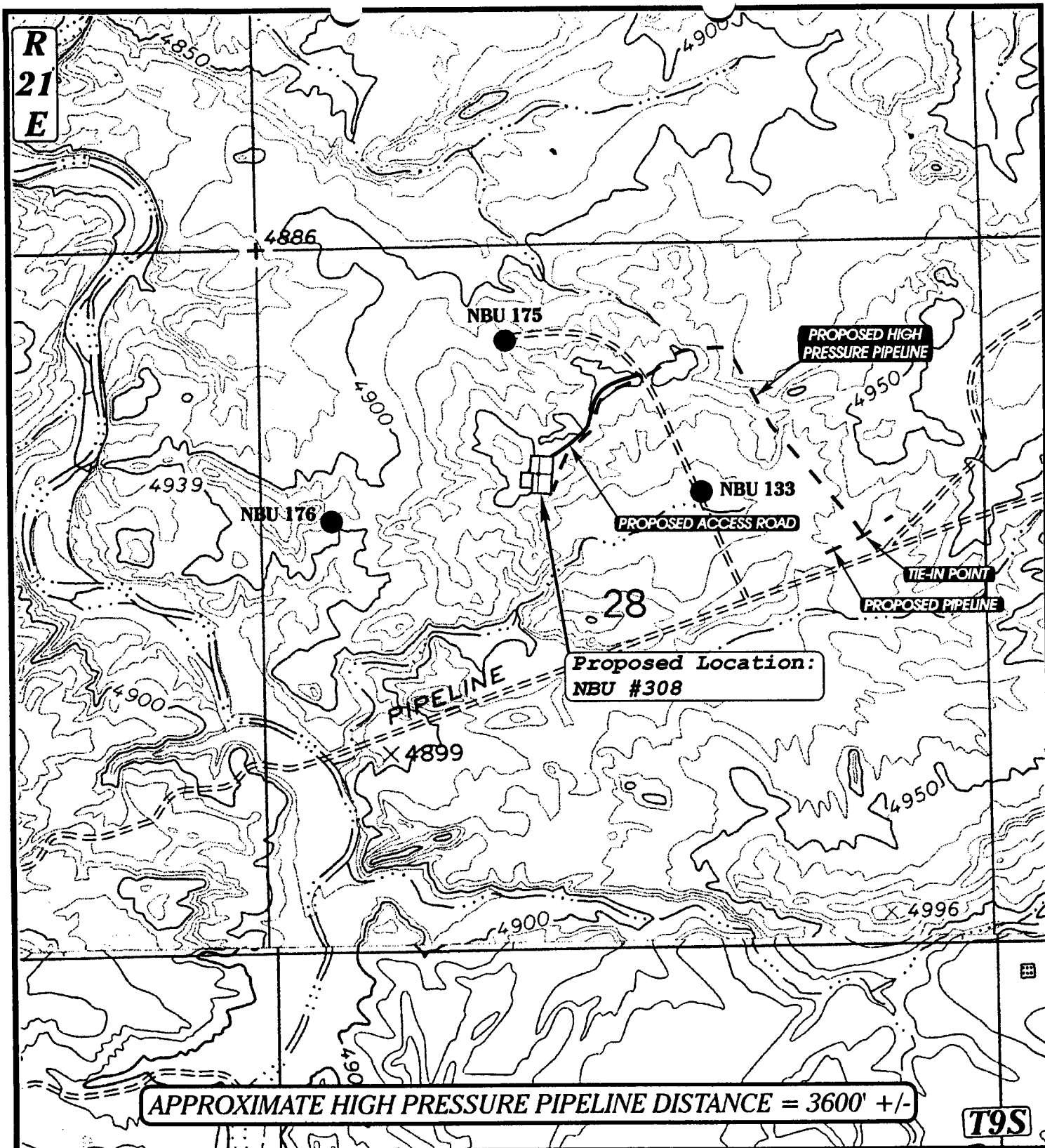
SCALE: 1" = 2000'

**COASTAL OIL & GAS CORP.**

**NBU #308**  
**SECTION 28, T9S, R21E, S.L.B.&M.**  
**TOPOGRAPHIC MAP "C"**

**DATE: 1-29-97**  
**Drawn by: D.COX**

**T9S**



UELS

**TOPOGRAPHIC  
MAP "D"**

— — — — Existing Pipeline  
- - - - - Proposed Pipeline



UINTAH ENGINEERING & LAND SURVEYING  
85 So. 200 East • Vernal, Utah 84078 • (801) 789-1017

SCALE: 1" = 1000'

**COASTAL OIL & GAS CORP.**

**NBU #308  
SECTION 28, T9S, R21E, S.L.B.&M.**

**DATE: 3-7-97  
Drawn by: D.COX  
REVISED: 8-10-97 D.COX**

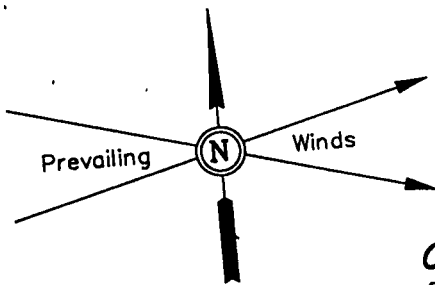
# COASTAL OIL & GAS CORP.

## LOCATION LAYOUT FOR

NBU #308

SECTION 28, T9S, R21E, S.L.B.&M.

1671' FNL 2129' FWL



Proposed Access Road

SCALE: 1" = 50'

DATE: 03-16-97

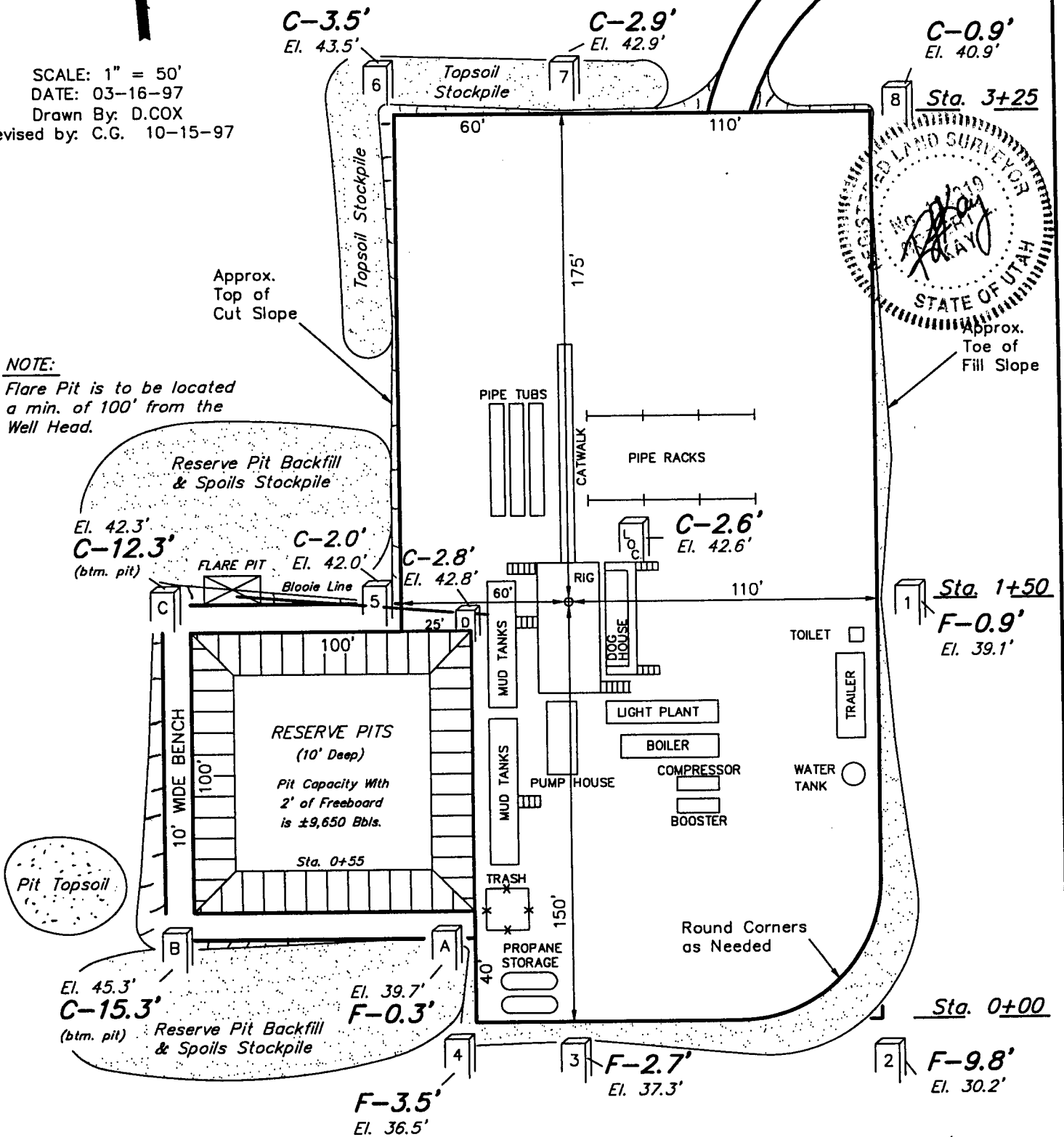
Drawn By: D.COX

Revised by: C.G. 10-15-97

Approx.  
Top of  
Cut Slope

### NOTE:

Flare Pit is to be located  
a min. of 100' from the  
Well Head.



### NOTES:

Elev. Ungraded Ground At Loc. Stake = 4942.6'

FINISHED GRADE ELEV. AT LOC. STAKE = 4940.0'

FIGURE #1

UINTAH ENGINEERING & LAND SURVEYING  
85 South 200 East Vernal, Utah

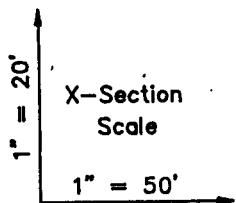
# COASTAL OIL & GAS CORP.

## TYPICAL CROSS SECTIONS FOR

NBU #308

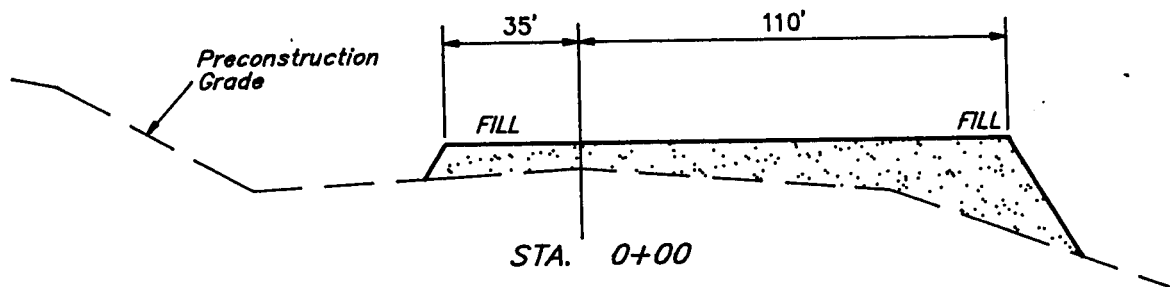
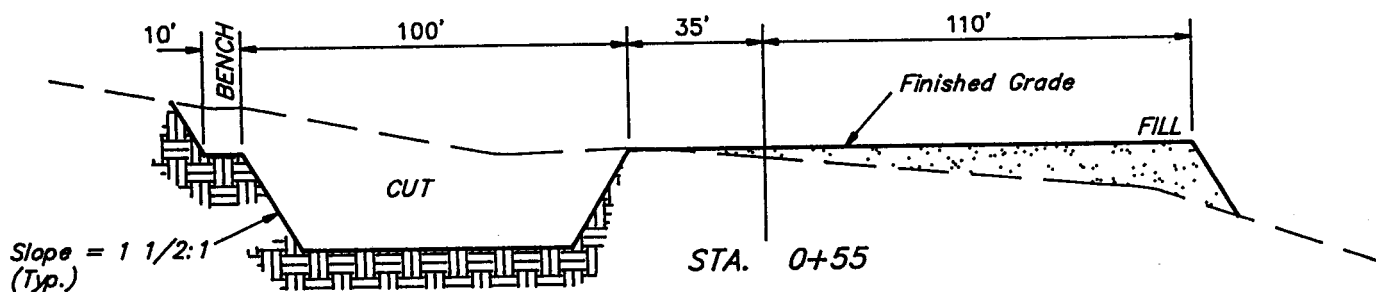
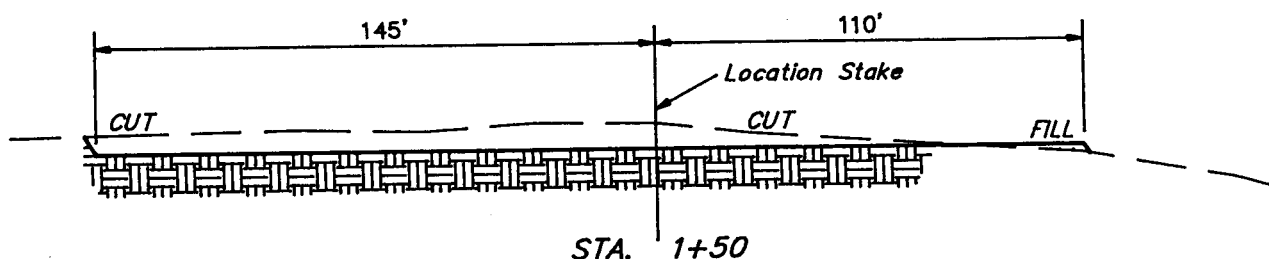
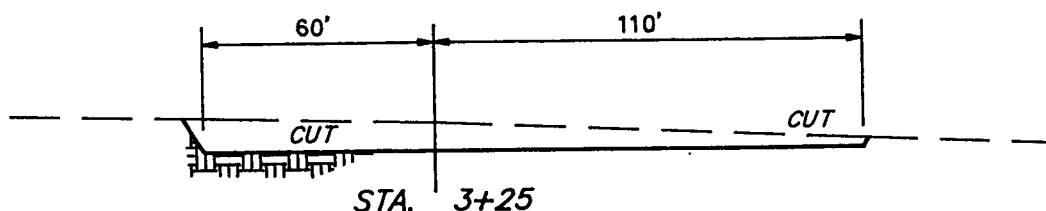
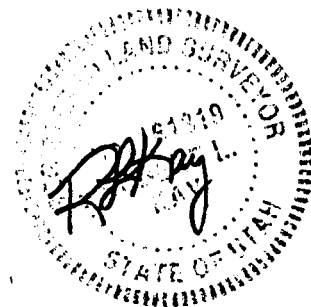
SECTION 28, T9S, R21E, S.L.B.&M.

1671' FNL 2129' FWL



DATE: 03-16-97

Drawn By: D.COX



### FIGURE #2

#### APPROXIMATE YARDAGES

CUT	
(6") Topsoil Stripping	= 1,140 Cu. Yds.
Remaining Location	= 4,370 Cu. Yds.
<b>TOTAL CUT</b>	<b>= 5,510 CU.YDS.</b>
<b>FILL</b>	<b>= 2,880 CU.YDS.</b>

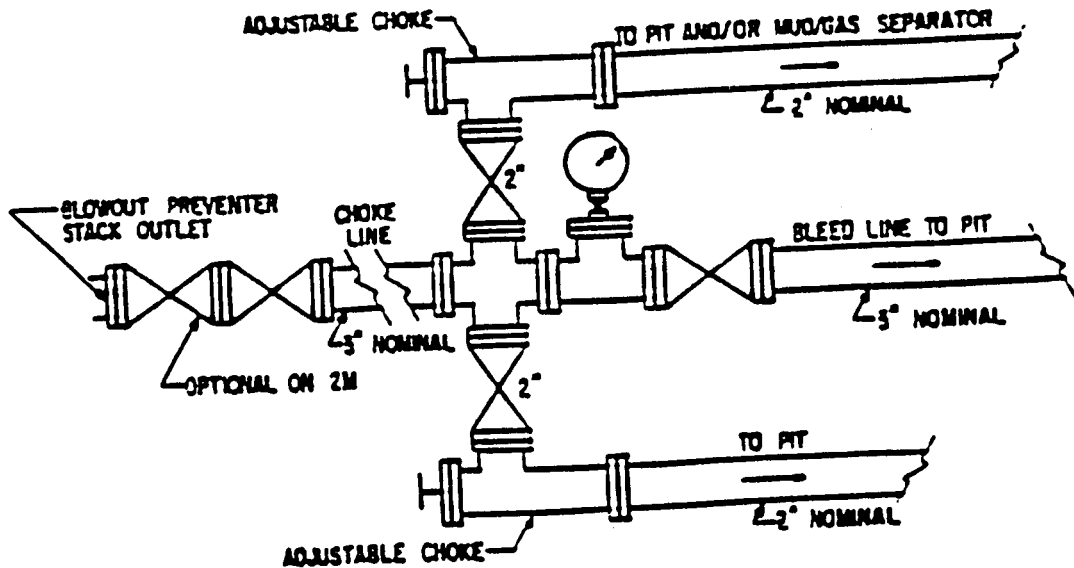
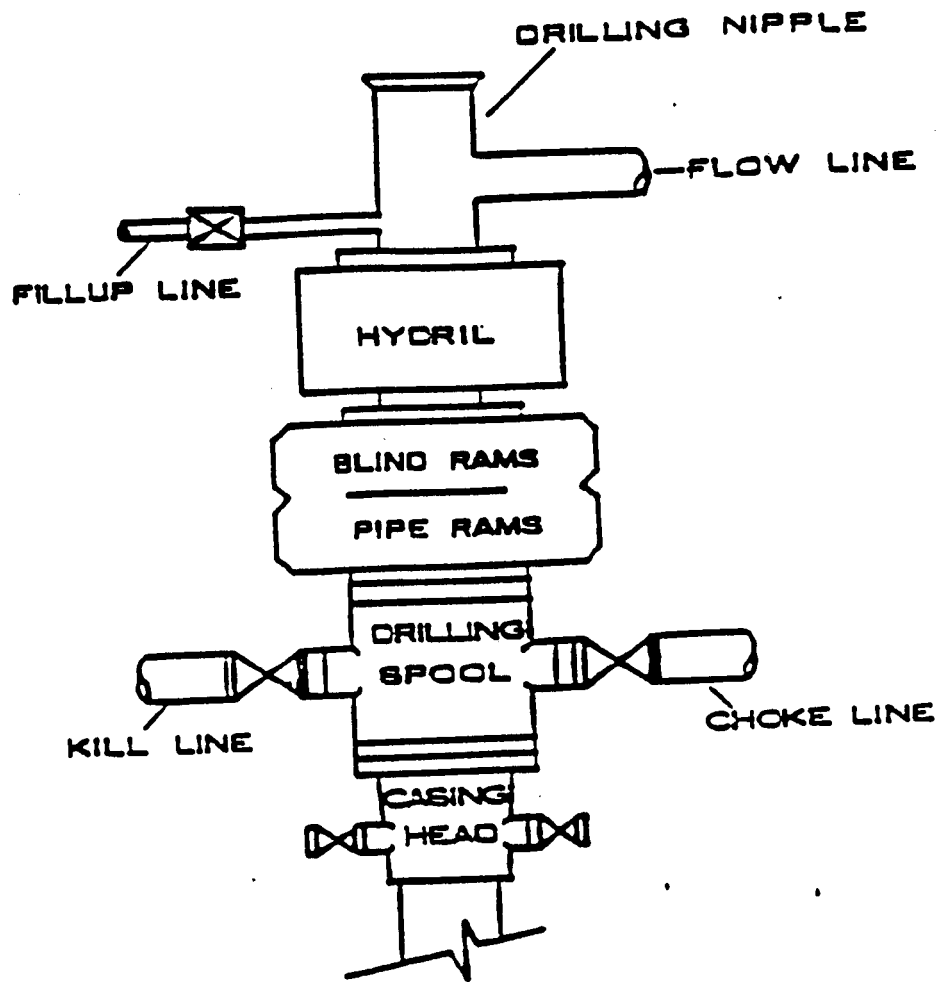
EXCESS MATERIAL AFTER 5% COMPACTION	= 2,480 Cu. Yds.
Topsoil & Pit Backfill (1/2 Pit Vol.)	= 2,480 Cu. Yds.
EXCESS UNBALANCE (After Rehabilitation)	= 0 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING

85 South 200 East Vernal, Utah

3,000 PSI

## BOP STACK



# COASTAL OIL & GAS CORPORATION

## DRILLING PROGRAM

COMPANY NAME	Coastal Oil & Gas Corporation	DATE	10/8/99
WELL NAME	<b>Generic Natural Buttes Well</b>		TD
FIELD	Ouray	COUNTY	Uintah
		STATE	Utah
		ELEVATION	
SURFACE LOCATION			BHL
			Straight Hole
OBJECTIVE ZONE(S)	Lower Green River, Wasatch, Mesaverde		
ADDITIONAL INFO			

GEOLOGICAL			MECHANICAL		
LOGS	FORMATION TOPS	DEPTH	HOLE SIZE	CASING SIZE	MUD WEIGHT
		40'		14"	
			11"	8-5/8", 24#, K-55	Air
		250' MD/TVD			
	Green River @				
DLL/Cal/SP/GR Neutron/Density/GR Sonic (Optional) SWC'S (Various)			7-7/8"	5-1/2", 17#, N-80, LTC	Air Mist Aerated Water 8.4-9.4 ppg Mud (10.0+ ppg brine @ TD)
	Wasatch @				
	Mesaverde @				
		TD @			

WORKSHEET  
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 10/19/1999

API NO. ASSIGNED: 43-047-33413

WELL NAME: NBU 308  
OPERATOR: COASTAL OIL & GAS CORP (N0230)  
CONTACT: Cheryl Cameron (435) 781-7023

PROPOSED LOCATION:  
SENW 28 - T09S - R21E  
SURFACE: 1671-FNL-2129-FWL  
BOTTOM: 1671-FNL-2129-FWL  
UINTAH COUNTY  
NATURAL BUTTES FIELD (630)

LEASE TYPE: FED  
LEASE NUMBER: U-0576  
SURFACE OWNER: Federal

INSPECT LOCATN BY: / /		
TECH REVIEW	Initials	Date
Engineering	<i>nm</i>	3-9-00
Geology		
Surface		

*oil shale only*

PROPOSED FORMATION: MVRD

RECEIVED AND/OR REVIEWED:

☒ Plat  
☒ Bond: Fed ☒ Ind[] Sta[] Fee[]  
(No. U605382-9)  
☒ Potash (Y/N)  
☒ Oil Shale (Y/N) \*190-5(B)  
☒ Water Permit  
(No. 43-8496)  
☒ RDCC Review (Y/N)  
(Date: \_\_\_\_\_)  
N/A Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3. Unit Natural Buttes  
R649-3-2. General  
Siting: \_\_\_\_\_  
R649-3-3. Exception  
☒ Drilling Unit  
Board Cause No: 173-14  
Eff Date: 12-2-99  
Siting: 400' to Unit Boundary & Uncomm. Lands  
R649-3-11. Directional Drill

COMMENTS: NBU "Standard Operating Procedure", separate file.  
\* NBU 308 / 43-047-33008 Aprv. 5-12-98, LA'd 6-1-99.  
\* BLM Aprv. 12-2-99.

STIPULATIONS:

① In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rule R649-3-31 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

② FEDERAL APPROVAL







# OIL & GAS INFORMATION SYSTEM

FILE EDIT OIL GAS GAS PLANT UIC REPORTS DB MAINTENANCE OPTIONS HELP DATA CONVERSION

## Well Data

### WELL SEARCH

### WELL DATA

### WELL HISTORY

### WELL ACTIVITY

WELL NAME	NBU 308	API NUMBER	4304733008	LEASE TYPE	1	LEASE NUMBER	U-0576
OPERATOR NAME	COASTAL OIL & GAS CORP	OPERATOR ACCOUNT	N0230	WELL TYPE		WELL STATUS	LA
FIELD NAME	NATURAL BUTTES	FIELD NUMBER	630	ELEVATION	4943' GR	ALT ADDRESS	#
COUNTY	UINTAH	CONFIDENTIAL FLAG		Q. S. T. R. M.	SENW	28	09.0 S 21.0 E S
SURF LOCATION	1671 FNL 2129 FWL	CONFIDENTIAL DATE		TOTAL CUMULATIVE OIL	0		
COORDS SURF N	4429602.00	LA/PA DATE	6 1 1999 MM/DD/YYYY	TOTAL CUMULATIVE GAS	0		
COORDS SURF E	623094.00	DIRECTIONAL		TOTAL CUMULATIVE WATER	0		
COORDS BHL N		INDIAN TRIBE		CB-METHANE FLAG		BOND NUMBER	
COORDS BHL E		MULTI-LEG COUNT		SURF OWNER TYPE		BOND TYPE	
FIELD TYPE FLAG		WILDCAT TAX FLAG		C.A. NUMBER			
COMMENTS	990607 LA EFF 6-1-99:						

Create New Rec

Save

Cancel

To History

To Activity



Whistorycursor

Record: 1/1

Exclusive

NUM CAPS

Start Novell-delivered Ap... OIL & GAS INFO...

10:48 AM

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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DRILL ☒DEEPEN ☐

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WELL ☒

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At proposed prod. zone

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(Also to nearest drlg. unit line, if any) 1671'

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See Topo Map C

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Coastal Oil & Gas Corporation proposes to drill a well to the proposed TD as stated above. If productive, casing will be run and the well completed. If dry, the well will be plugged and abandoned as per BLM and State of Utah requirements.

See the attached Drilling Program and Multi-point Surface Use Operations Plan. Coastal Oil & Gas Corporation is considered to be the operator of the subject well. COGC agrees to be responsible under the terms and conditions of the lease for operations conducted upon the leased lands. Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided for by Coastal bonds: BLM Nationwide #J605382-9, and State of Utah #102103.

RECEIVED

DEC 17 1999

RECEIVED

OCT 16 1999

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

TITLE

Cheryl Cameron

Environmental Analyst

DATE

10/8/99

(This space for Federal or State office use)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

ACTING

Assistant Field Manager

Mineral Resources

DATE

12/2/99

\*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

CONDITIONS OF APPROVAL  
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Coastal Oil & Gas Corporation

Well Name & Number: NBU 308

API Number: 43-047-33413

Lease Number: U-0576

Location: SENW Sec. 28 T. 09S R. 21E

### **CONDITIONS OF APPROVAL FOR NOTICE TO DRILL**

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **3M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

**SURFACE USE PROGRAM**  
**Conditions of Approval (COAs)**

- The reserve pit topsoil shall be piled separately as shown on the cut sheet.
- The location topsoil will be windrowed as shown on the cut sheet and seeded during the time the well pad is under construction. The seed mix will conform with the mix provided in the APD. The seed will be broadcast on the topsoil then walked in with a CAT to plant the seed.
- The reserve pit will be lined if blasting is needed to construct the pit.
- Once the reserve pit is dry, it shall be filled, recontoured, topsoil spread, and seeded in the same manner discussed above.



Sent by fax to: (801) 359-3940

February 21, 2000

State of Utah  
Division of Oil, Gas & Mining  
1594 W. North Temple, Suite 12010  
Salt Lake City, UT 84180

Attention Ms. Lisha Cordova

RE: NBU 308  
SENW Section 28, T9S-R21E  
Uintah County, Utah

Dear Ms. Cordova:

The location for the NBU 308 well to be drilled in the SENW Section 28, T9S-R21E, Uintah County, Utah, is 1,671 feet from the north line and 2,121 feet from the west line of said Section 28. This location is not within 460 feet from the boundary of the Natural Buttes Unit, nor is it within 460 feet of any non-committed tract lying within the boundaries of the Unit.

We respectfully request that the above stated location be approved for drilling by the Division of Oil, Gas & Mining.

Very truly yours,

Donald H. Spicer  
Senior Landman

cc: Cheryl Cameron

**Coastal Oil & Gas Corporation**

A SUBSIDIARY OF THE COASTAL CORPORATION  
COASTAL TOWER • NINE GREENWAY PLAZA • HOUSTON TX 77046-0995 • 713/877-1400



**State of Utah**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor

Kathleen Clarke  
Executive Director

Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

March 14, 2000

Coastal Oil & Gas Corporation  
P.O. Box 1148,  
Vernal, Utah 84078


Re: NBU 308Well, 1671' FNL, 2129' FWL, SE NW, Sec. 28, T. 9S, R. 21E, Uintah Co.,  
Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval will expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-33413.

Sincerely,

  
John R. Baza  
Associate Director

al

Enclosures

cc: Uintah County Assessor  
Bureau of Land Management, Vernal District Office



**Operator:** Coastal Oil & Gas Corp.  
**Well Name & Number** NBU 308  
**API Number:** 43-047-33413  
**Lease:** U-0576  
**Location:** SE NW Sec. 28 T. 9S. R. 21E.

### **Conditions of Approval**

1. **General**  
Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for Permit to Drill.
2. **Notification Requirements**  
Notify the Division within 24 hours of spudding the well. Contact Carol Daniels at (801)538-5284.  
Notify the Division prior to commencing operations to plug and abandon the well. Contact Dan Jarvis at (801)538-5338 or Robert Krueger at (801)538-5274.
3. **Reporting Requirements**  
All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.
4. **State approval of this well does not supersede the required federal approval which must be obtained prior to drilling.**
5. **In accordance with order in cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of rule R649-3-31 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire Oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
**Coastal Oil & Gas Corporation**

3a. Address  
**P.O. Box 1148, Vernal UT 84078**

3b. Phone No. (include area code)  
**(435) 781-7023**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SE/NW Sec. 28, T9S, R21E  
1671' FNL & 2129' FWL**

5. Lease Serial No.

**U-0576**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA/Agreement, Name and/or No.  
**Natural Buttes Unit**

8. Well Name and No.

**NBU #308**

9. API Well No.

**43-047-33008 33413**

10. Field and Pool, or Exploratory Area  
**Natural Buttes Field**

11. County or Parish, State

**Uintah UT**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

**TYPE OF ACTION**

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other **TD Change**

**Lower Mesa Verde**

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

*(fr. 8677')*

**Coastal Oil & Gas Corporation requests authorization to change TD to 11,000' in order to drill the Lower Mesa Verde.**

**Please refer to the attached Cmt, Csg and Drilling Program.**

**Approved by the  
Utah Division of  
Oil, Gas and Mining**

**COPY SENT TO OPERATOR**

Date: 7-20-00  
Initials: CHD

Date: 7/19/00  
By: [Signature]

**RECEIVED**

**JUL 17 2000**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Katy Dow**

Title

**Environmental Jr. Analyst**

Date **7/11/00**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

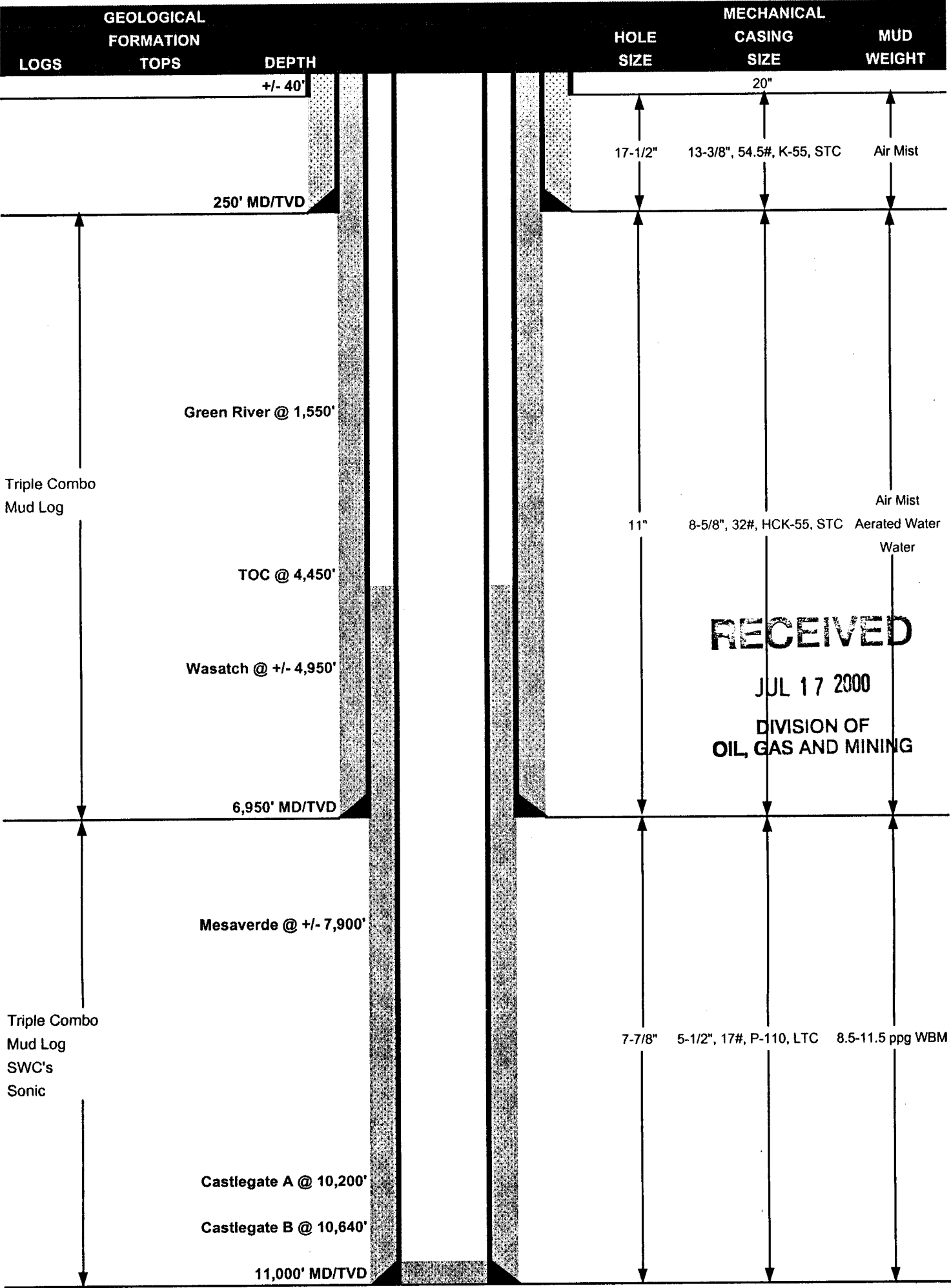
Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

# COASTAL OIL & GAS CORPORATION

## DRILLING PROGRAM

COMPANY NAME Coastal Oil & Gas Corporation DATE 7/11/00  
WELL NAME NBU #308 TD 11,000' MD/TVD  
FIELD NBU COUNTY Uintah STATE Utah ELEVATION 4,920' KB  
SURFACE LOCATION 1,671' FNL & 2,129' FWL, Sec 28, T9S x R21E BHL Straight Hole  
OBJECTIVE ZONE(S) Wasatch, Mesaverde  
ADDITIONAL INFO Set intermediate casing through Upper Wasatch



**CASING PROGRAM**

						DESIGN FACTORS		
	SIZE	INTERVAL	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
SURFACE	13-3/8"	0-250'	54.5#	K-55	STC	2,730	1,130	547,000
						19.47	9.66	4.81
						3,930	4,130	402,000
INTERMEDIATE	8-5/8"	0 - 4,000'	32#	K-55	STC	1.10	1.27	1.25
		4,000' - 6,950'	32#	HCK-55		10,640	7,480	445,000
PRODUCTION	5-1/2"	0-TD	17#	P-110	LTC	2.00	1.14	1.55

- 1) Maximum Anticipated Surface Pressure (MASP) (Conductor and Surface Casings) = (Frac Gradient at Shoe - Gas Gradient (0.115 psi/ft))(TVD)
2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (Gas Gradient x TVD of Next Casing Point x 0.67) - (Mud Weight x TVD x 0.052 x 0.33)
3) MASP (Prod Casing) = Pore Pressure - (Gas Gradient x TVD of Production Interval)
- (Burst Assumptions: FG @ 13-3/8" shoe = 13.0 ppg, Max Pore Pressure = Max MW)
(Collapse Assumption: Fully Evacuated Casing, Max MW)
(Tension Assumptions: Air Weight of Casing, 100,000 lbs overpull)

**CEMENT PROGRAM**

		FT. OF FILL	DESCRIPTION	SACKS	EXCESS*	WEIGHT	YIELD
SURFACE		250'	Class G + 2% CaCl2 + 0.25 lb/sk Flocele	250	50%	15.60	1.19
INTERMEDIATE	LEAD	4,450'	HiFill-Mod + 0.6% EX-1 + 0.25 lb/sk Flocele + 0.2% FWCA + 10 lb/sk Gilsonite + 16% Gel	640	75%	11.60	3.12
	TAIL	2,500'	50/50 Poz +0.25 lb/sk Flocele + 0.4% HALAD-322 + 2% Gel + 0.1% HR-5 + 5% Salt	810	50%	14.40	1.20
PRODUCTION		6,550'	50/50 Poz +0.25 lb/sk Flocele + 0.6% HALAD-322 + 2% Gel + 2% MicroBond HT + 5% Salt	1,360	50%	14.30	1.26

\* or 15% over caliper

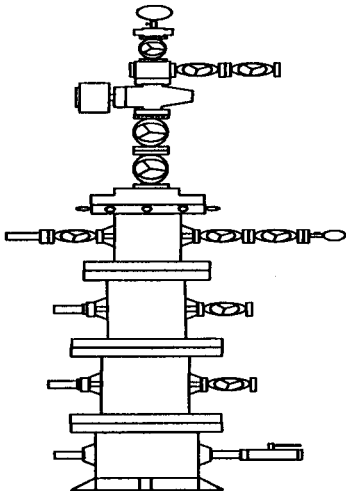
**FLOAT EQUIPMENT & CENTRALIZERS**

SURFACE	Guide shoe, 1 joint, float collar. Centralize first 3 joints & every other collar to surface. Thread lock FE up to and including pin end of float collar.
INTERMEDIATE	Guide shoe, 1 joint, float collar. Centralize first 3 joints & every other joint to top of tail cement. Thread lock FE up to and including pin end of float collar.
PRODUCTION	Float shoe, 1 joint, float collar. Centralize every other joint across pay zones.

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**WELLHEAD EQUIPMENT**

JUL 17 2000



TREE	2-1/16" 5M	DIVISION OF
		OIL, GAS AND MINING
TUBING HEAD	11" 5M X 7-1/16" 10M	
CASING SPOOL		
CASING SPOOL	13-5/8" 3M X 11" 5M	
CASING HEAD	13-3/8" SOW X 13-5/8" 3M	

**BIT PROGRAM**

INTERVAL	SIZE	BIT MFG & MODEL	GPM	SERIAL	NZLS	COMMENTS
Surface Hole	17-1/2"	Various				Pre-set
Intermediate hole	11"	ATJ-33C or equivalent	Air/Aerated			
Production Hole	7-7/8"	Insert (4 or 5 type)	400-350			Possible Mud Motor

GEOLOGICAL DATA

LOGGING:

Depth	Log Type
SC - TD	Triple Combo
Int - TD	Sonic

MUD LOGGER:Surface - TD

SAMPLES:As per Geology

CORING:Possible SWC's at selective intervals.

DST:As per Geology

MUD PROGRAM

DEPTH	TYPE	MUD WT	WATER LOSS	VISCOSITY	TREATMENT
0-Trona	Air Mist	NA	NA		
Trona-Intm	Aerated Water	NA	NC	NA	Polymer, Gyp
	Water				
Intm-TD	Water/Mud	8.5-13.0	NC - <10 cc's	30-45	Polymer, Gyp

ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,000 psi prior to drilling out. Test int. to 1,000 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Run Totco survey every 1,500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

PROJECT ENGINEER:

Blaine Yeary

PROJECT MANAGER:

Ben Clark

DATE:

DATE:

RECEIVED

JUL 17 2000

DIVISION OF  
OIL, GAS AND MINING

## GEOLOGICAL WELL PROGNOSIS

DATE: July 6, 2000 FIELD NAME: NBU

OPERATOR: Coastal Oil and Gas WELL NAME: NBU 308

WORKING INTEREST: 100% FEE NAME: \_\_\_\_\_

LOCATION: SENW SEC 28, T9S, R21E, (1671'FNL, 2129'FWL) Uintah County, Utah

SPUD DATE DEADLINE: \_\_\_\_\_

TOTAL DEPTH: 11000' FT. ELEVATION: EST KB 4920' PROSPECT: \_\_\_\_\_ AFE #: \_\_\_\_\_

PERMIT DEPTH: 11500' FT. SURFACE CSG.: \_\_\_\_\_ FRESH WATER SANDS PROTECTED TO: \_\_\_\_\_

DRILLING TIME: Geograph or similar recording instrument; 1 ft. drill time.  
Final copies to be furnished to Company representative.

SAMPLES: Catch & save NA set(s) of washed and sacked samples as follows: \_\_\_\_\_ ft.  
Samples from \_\_\_\_\_ to \_\_\_\_\_ ft. Final destination of samples: \_\_\_\_\_

DRILLING BREAKS & UNEXPECTED SHOWS: Circulate \_\_\_\_\_ ft. drilling breaks below \_\_\_\_\_,  
and catch \_\_\_\_\_ (min.) circulation samples; notify Operations personnel by phone\*\* in case  
of lost circulation, high pressures and/or unexpected oil shows when Company representative is  
not on location.

GEOLOGICAL SURVEILLANCE: \*\*Wellsite Geologist: TBA; Mud Logger Unit;  
NA; notify \*\* when logging depth is reached or anticipated.

CORING PROGRAM: \_\_\_\_\_ DST PROGRAM: None

LOG SURVEYS: 1. SOP on file with logging company  
2. \_\_\_\_\_  
3. \_\_\_\_\_

REFERENCE WELLS: Copy of Electrical Log Attached ( ) Yes (X) No

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_ Initial: \_\_\_\_\_  
Present: \_\_\_\_\_  
Initial: \_\_\_\_\_  
Present: \_\_\_\_\_

Key Wells/	Proposed Well	Key Well	Key Well
Correlations			
Formation	Est. Depth	Poss. Pay	Depth Pay
KB	4920'		
Green River	1550'		
Wasatch	4950'	Y	
Mesa Verde	7900'	Y	
Castlegate A	10200'		
Castlegate B	10640'	Y	
TD	11000'		

RECEIVED

JUL 17 2000

DIVISION OF  
OIL, GAS AND MINING

Comments:

Geologist: C.P. Conrad Technical Manager: J.A. Degenstein

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM - FORM 6

OPERATOR Coastal Oil & Gas Corporation

OPERATOR ACCT. NO. N 0230

ADDRESS P.O. Box 1148

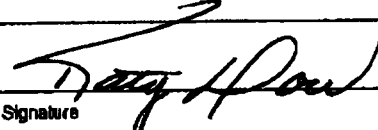
Vernal UT 84078

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
B	99999	2900	43-047-33000-33413	NBU #308	SE/NW	28	9S	21E	Uintah	9/6/00	9/6/00
WELL 1 COMMENTS: 9-11-00 Code "A" Spud @ 1:00 a.m. on 9/6/00. Bill Martin Rathole Rig.											
WELL 2 COMMENTS:											
WELL 3 COMMENTS:											
WELL 4 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

  
Signature  
Jr. Regulatory Analyst 9/11/00  
Title Date  
Phone No. (435) 781-7022

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

*Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
**Coastal Oil & Gas Corporation**

3a. Address  
**P.O. Box 1148, Vernal UT 84078**

3b. Phone No. (include area code)  
**(435) 781-7023**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**SE/NW Sec. 28, T9S, R21E  
1671' FNL & 2129' FWL**

5. Lease Serial No.

**U-0576**

6. If Indian, Allottee or Tribe Name

**N/A**

7. If Unit or CA/Agreement, Name and/or No.  
**Natural Buttes Unit**

8. Well Name and No.

**NBU #308**

9. API Well No.

**43-047-33413**

10. Field and Pool, or Exploratory Area  
**Natural Buttes**

11. County or Parish, State

**Uintah UT**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

**TYPE OF ACTION**

<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <b>Spud</b>
<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

**MIRU Bill Martin Drilling (Air Rig) and drilled 267' of 17 1/2" hole. Ran 258' of 13 3/8" 61# K-55 Csg. Cmt w/220 sks P-AG w/2% Cacl2, 1/4#/sk Flocele, 15.6 ppg, 1.18 yield. Dropped plug. Displace w/32 Ebls H2O. Good returns. Hole stayed full.**

**Spud @1:00 a.m. on 9/6/00.**

**RECEIVED**

**SEP 18 2000**

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct  
Name (Printed/Typed)

**Katy Dow**

Title

**Jr. Regulatory Analyst**

Date **9/11/00**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposalsFORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

**U-0576**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

8. Lease Name and Well No.

**NBU #308**

9. API Well No.

**4304733413**

10. Field and Pool, or Exploratory

**NATURAL BUTTES**

11. County or Parish, State

**UINTAH, UT****SUBMIT IN TRIPLICATE- Other Instructions on reverse side**

1. Type of Well:

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator **COASTAL OIL & GAS CORPORATION**  
**CONTACT: CHERYL CAMERON OPERATIONS**  
**EMAIL: Cheryl.Cameron@CoastalCorp.com**3a. Address **P.O. BOX 1148**  
**VERNAL, UT 84078**

3b. Phone No. (include area code)

**TEL: 435.781.7023 EXT:****FAX: 435.789.4436**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**Sec 28 T9S R21E SENW 1671FNL 2129FWL****12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> <b>CHANGE TO ORIGINAL APD</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give the subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of involved operations. If the operation results in multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Coastal Oil & Gas Corporation has obtained verbal approval from Ed Forsman, Bureau of Land Management, to change the intermediate hole size from 11" to 12 1/4", and set 9 5/8" 40# S-95 LT&C csg. The production hole will also be changed to 8 3/4" from the approved 7 7/8".

Please refer to the attached DHD.

SUBMITTED TO CREATION  
5-3-01  
CHD**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

Name (Printed/Typed)

Title

Signature

Date

4/26/01

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

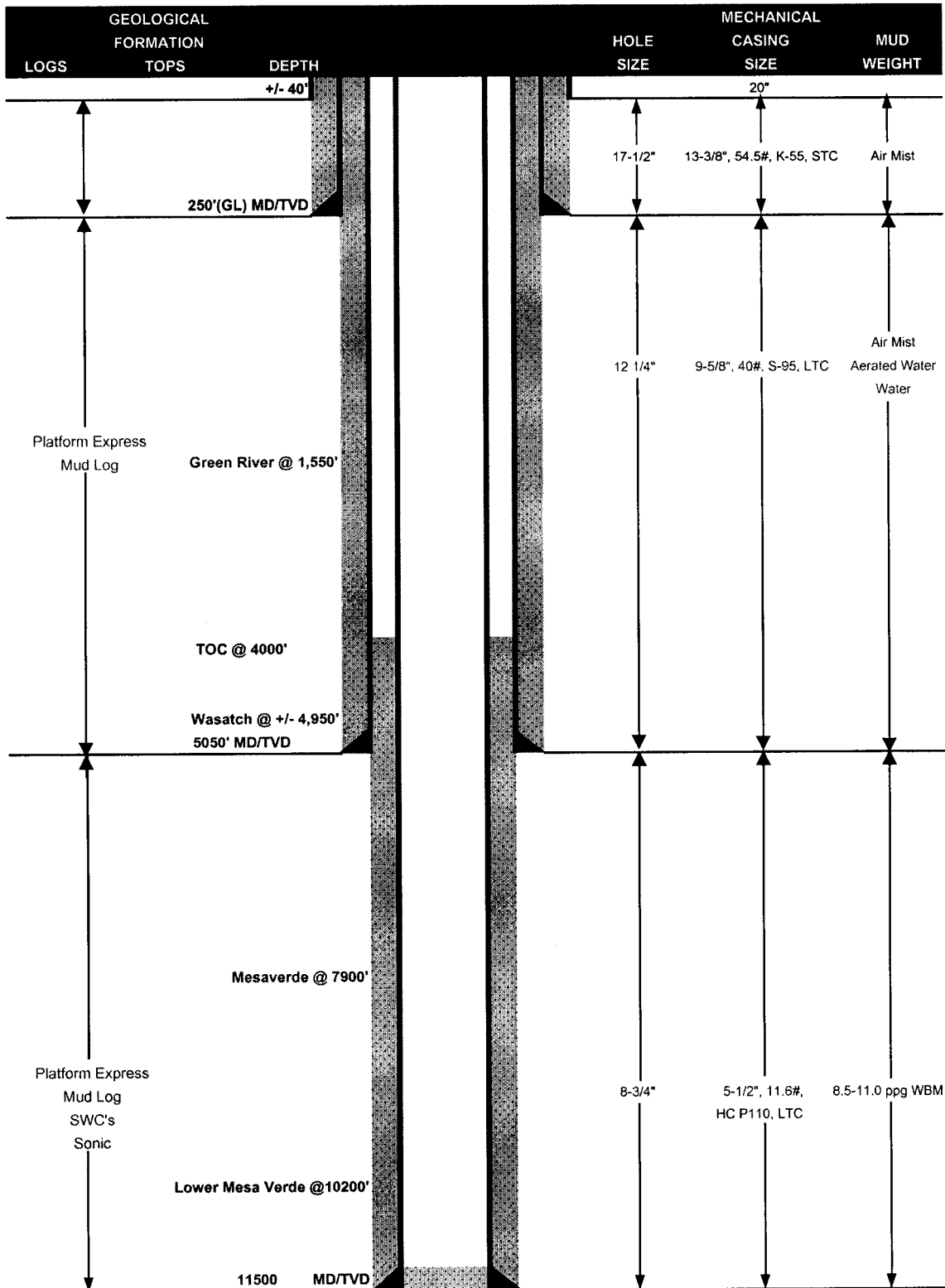
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

**ELECTRONIC SUBMISSION #3840 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR COASTAL OIL & GAS CORPORATION SENT TO THE VERNAL FIELD OFFICE**

# COASTAL OIL & GAS CORPORATION

## DRILLING PROGRAM

COMPANY NAME Coastal Oil & Gas Corporation DATE April 20, 2001  
WELL NAME NBU 308 TD 11500 MD/TVD  
FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 4920 KB  
SURFACE LOCATION 1671' FNL & 2129' FWL, SE/NW, Sec. 28, T9S, R21E BHL Straight Hole  
OBJECTIVE ZONE(S) Wasatch, Mesaverde, Lower Mesa Verde  
ADDITIONAL INFO Regulatory agencies: BLM, Utah, Tri-County Health Dept.



# COASTAL OIL & GAS CORPORATION

## DRILLING PROGRAM

Page 2/3

### CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
SURFACE	13-3/8"	0-250'	54.50	K-55	STC	2,730 19.47	1,130 9.66	547,000 4.81
INTERMEDIATE	9-5/8"	0 - 5050'	40.00	S-95	LTC	6,820 1.94	4,230 1.79	858,000 2.84
PRODUCTION	4-1/2"	0-TD	11.60	HC P-110	LTC	10,690 2.03	8,650 1.31	279,000 1.73

- 1) Maximum Anticipated Surface Pressure (MASP) (Conductor and Surface Casings) = (Frac Gradient at Shoe - Gas Gradient (0.115 psi/ft))(TVD)
  - 2) MASP (Int Casing) = Pore Pressure at Next Casing Point - (Gas Gradient x TVD of Next Casing Point x 0.67) - (Mud Weight x TVD x 0.052 x 0.33)
  - 3) MASP (Prod Casing) = Pore Pressure - (Gas Gradient x TVD of Production Interval)
- (Burst Assumptions: FG @ 13-3/8" shoe = 13.0 ppg, Max Pore Pressure = Max MW)  
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Buoyed Weight of Casing, 50000 lbs overpull)

### CEMENT PROGRAM

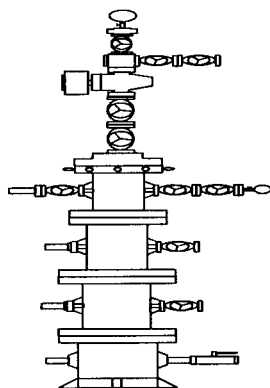
		FT. OF FILL	DESCRIPTION	SACKS	EXCESS*	WEIGHT	YIELD
SURFACE		250'	Premium Plus + 2% CaCl <sub>2</sub> + 0.25 lb/sk Flocele	250	50%	15.60	1.19
INTERMEDIATE	LEAD	4,000'	Hifill Mod + 16% Gel + 0.2% WG17 + 0.6% Econolite + 1% HR7 + 3% salt + 10#/sk gilsonite + 0.125 #/sk polyflake	710	75%	11.60	3.13
	TAIL	1,050'	50/50 Poz Premium + 5% salt + 0.6% Halad 322 + 2% Microbond M + 0.2% Super CBL	410	50%	14.35	1.25
PRODUCTION		7,500'	50/50 Premium Poz/Nitrogen Foam + 20% SSA-1 + 5#/sk Silica Lite + 0.3% Zoneseal + 0.1% Versaset	2,020	50%	14.30	1.27

\* or 15% over caliper

### FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 joint, insert collar. Centralize first 3 joints & every other collar to surface. Thread lock FE up to and including pin end of float collar.
INTERMEDIATE	Float shoe, 1 joint, float collar. Centralize first 3 joints & every other joint to top of tail cement. Thread lock FE up to and including pin end of float collar.
PRODUCTION	Sure-seal float shoe, 1 joint, Sure-seal float collar. Centralize every other joint across pay zones.

### WELLHEAD EQUIPMENT



TREE	2-1/16" 5M
TUBING HEAD	11" 5M X 7-1/16" 10M
CASING SPOOL	
CASING SPOOL	13-5/8" 3M X 11" 5M
CASING HEAD	13-3/8" SOW X 13-5/8" 3M

**COASTAL OIL & GAS CORPORATION**  
**DRILLING PROGRAM**

Page 3/3

**BIT PROGRAM**

ROCK BIT & PDC BIT PROGRAM						
INTERVAL	HOLE	BIT MFG & MODEL	GPM	SERIAL	NZLS	COMMENTS
Surface Hole	17-1/2"	Various				Pre-set
Intermediate hole	12 1/4"	Smith F27	Air/Aerated			
Production Hole	7-7/8"	Insert (4 or 5 type)	400-350			Possible Mud Motor

**GEOLOGICAL DATA**

**LOGGING:**

Depth	Log Type
SC - TD	Triple Combo
Int - TD	Sonic

**MUD LOGGER:**

2000' - TD

**SAMPLES:**

As per Geology

**CORING:**

Possible SWC's at selective intervals.

**DST:**

As per Geology

**MUD PROGRAM**

DEPTH	TYPE	MUD WT	WATER		TREATMENT
			LOSS	VISCOSITY	
0-Trona	Air Mist	NA	NA		
Trona-Intm	Aerated Water	NA	NC	NA	Polymer, Gyp
Intm-TD	Water/Mud	8.5-13.0	NC - <10 cc's	30-45	Polymer, Gyp

**ADDITIONAL INFORMATION**

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out. Test int. to 1,500 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Run Totco survey every 500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

**DRILLING ENGINEER:**

Dan Lindsey

**DATE:**

**DRILLING MANAGER:**

Darrell Molnar

**DATE:**

**DIRECTOR OF DRILLING:**

**DATE:**

Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**SUNDRY NOTICES AND REPORTS ON WELLS**  
Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

U-0576

6. If Indian, Allottee or Tribe Name

7. If Unit or CA Agreement, Name and No.

NATURAL BUTTES

8. Lease Name and Well No.

NBU #308

9. API Well No.

4304733413

10. Field and Pool, or Exploratory

NATURAL BUTTES FIELD

11. County or Parish, State

UINTAH, UT

**SUBMIT IN TRIPLICATE- Other Instructions on reverse side**

1. Type of Well:

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

COASTAL OIL & GAS CORPORATION  
CONTACT: CHERYL CAMERON OPERATIONS  
EMAIL: Cheryl.Cameron@CoastalCorp.com

3a. Address

P.O. BOX 1148  
VERNAL, UT 84078

3b. Phone No. (include area code)

TEL: 435.781.7023 EXT:  
FAX: 435.789.4436

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 28 T9S R21E SENW 1671FNL 2129FWL

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> OTHER SUNDRY NOTICE
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give the subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with the BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of involved operations. If the operation results in multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

**COASTAL OIL & GAS CORPORATION REQUESTS AUTHORIZATION TO PLACE THE SUBJECT WELL ON  
CONFIDENTIAL STATUS, TO BE EFFECTIVE IMMEDIATELY.****CONFIDENTIAL**

Name (Printed/Typed)

Title

Signature

Date

5/11/01

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or  
certify that the applicant holds legal or equitable title to those rights in the subject lease  
Which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

**ELECTRONIC SUBMISSION #4195 VERIFIED BY THE BLM WELL INFORMATION SYSTEM FOR COASTAL OIL &  
GAS CORPORATION SENT TO THE VERNAL FIELD OFFICE**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**CONFIDENTIAL**

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

5. Lease Serial No.  
U-0576

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

8. Well Name and No.  
NBU 308

9. API Well No.  
43-047-33413

10. Field and Pool, or Exploratory  
NBU

11. County or Parish, and State  
UINTAH COUNTY, UT

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
COASTAL OIL & GAS CORPORATION

Contact: CHERYL CAMERON  
E-Mail: Cheryl.Cameron@CoastalCorp.com

3a. Address  
P.O. BOX 1148  
VERNAL, UT 84078

3b. Phone No. (include area code)  
Ph: 435.781.7023  
Fx: 435.789.4436

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 28 T9S R21E Mer SENW

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> VARI
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Coastal Oil & Gas Corporation requests a variance to temporarily replace the blind rams in the BOP stack on the subject well with pipe rams. As verbally reported to Ed Forsman(BLM)on 6/8/01, this well took a kick while drilling at 10,658'. During subsequent well control operations the BOP stack began to leak through the bore with both the annular & pipe rams closed. Increasing closing hydraulic pressure & pumping mud in the annulus stopped the leak & the BOP's have since held up to 1750 psi. A "sandwich" kill was performed by pumping down both the drill pipe & the annulus simultaneously. It is anticipated that the drill pipe will be stuck for some time.

COGC proposes to temporarily change the blind rams in the lower ram type preventer to pipe rams while we finish securing the wellbore & preparing to come out of the hole. This will enable flow control which might develop later & allow repair on the upper ram BOP & and the annular with pressure on the well if necessary.

COGC intends to reinstall the blind rams in the upper ram type BOP & then repair & test all BOP's using a test plug in the

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #4887 verified by the BLM Well Information System  
For COASTAL OIL & GAS CORPORATION, sent to the Vernal**

Name (Printed/Typed) CHERYL CAMERON

Title OPERATIONS

Signature

Date 06/08/2001

**RECEIVED**

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

**Oil, Gas and Mining**  
Date

Conditions of approval, if any, are attached. Approval of this notice does not constitute a finding of fact or a determination of law. The applicant certifies that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

CONFIDENTIAL

**Additional data for EC transaction #4887 that would not fit on the form**

**32. Additional remarks, continued**

wellhead. The BLM will be notified in order to witness the BOP testing.

Variance approved by Ed Forsman (Bureau of Land Management) on 6/8/01.

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 8 South 1200 East CITY Vernal STATE Utah ZIP 84078		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: _____ QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: _____		8. WELL NAME and NUMBER: Exhibit "A" 9. API NUMBER:
PHONE NUMBER: 435-789-4433		10. FIELD AND POOL, OR WILDCAT:
COUNTY: _____		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: Name Change
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

As a result of the merger between The Coastal Corporation and a wholly owned subsidiary of El Paso Energy Corporation, the name of Coastal Oil & Gas Corporation has been changed to El Paso Production Oil & Gas Company effective March 9, 2001.

See Exhibit "A"

Bond # 400JU0708

Coastal Oil & Gas Corporation	
NAME (PLEASE PRINT) John T. Elzner	TITLE Vice President
SIGNATURE [Signature]	DATE 06-15-01
El Paso Production Oil & Gas Company	
NAME (PLEASE PRINT) John T. Elzner	TITLE Vice President
SIGNATURE [Signature]	DATE 06-15-01

(This space for State use only)

RECEIVED

JUN 19 2001



State of Delaware  
*Office of the Secretary of State*

---

PAGE 1

I, HARRIET SMITH WINDSOR, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF AMENDMENT OF "COASTAL OIL & GAS CORPORATION", CHANGING ITS NAME FROM "COASTAL OIL & GAS CORPORATION" TO "EL PASO PRODUCTION OIL & GAS COMPANY", FILED IN THIS OFFICE ON THE NINTH DAY OF MARCH, A.D. 2001, AT 11 O'CLOCK A.M.

RECEIVED

MAR 9 2001

DIVISION OF  
OIL GAS AND MINING



*Harriet Smith Windsor*  
Harriet Smith Windsor, Secretary of State

0610204 8100

AUTHENTICATION: 1061007

010162788

DATE: 04-03-01

## CERTIFICATE OF AMENDMENT

OF

## CERTIFICATE OF INCORPORATION

COASTAL OIL & GAS CORPORATION (the "Company"), a corporation organized and existing under and by virtue of the General Corporation Law of the State of Delaware, DOES HEREBY CERTIFY:

FIRST: That the Board of Directors of the Company, by the unanimous written consent of its members, filed with the minutes of the Board, adopted a resolution proposing and declaring advisable the following amendment to the Certificate of Incorporation of the Company:

RESOLVED that it is deemed advisable that the Certificate of Incorporation of this Company be amended, and that said Certificate of Incorporation be so amended, by changing the Article thereof numbered "FIRST," so that, as amended, said Article shall be and read as follows:

"FIRST. The name of the corporation is El Paso Production Oil & Gas Company."

SECOND: That in lieu of a meeting and vote of stockholders, the stockholders entitled to vote have given unanimous written consent to said amendment in accordance with the provisions of Section 228 of the General Corporation Law of the State of Delaware.

THIRD: That the aforesaid amendment was duly adopted in accordance with the applicable provisions of Sections 242 and 228 of the General Corporation Law of the State of Delaware.

IN WITNESS WHEREOF, said COASTAL OIL & GAS CORPORATION has caused this certificate to be signed on its behalf by a Vice President and attested by an Assistant Secretary, this 9th day of March 2001.

COASTAL OIL &amp; GAS CORPORATION



David L. Siddall  
Vice President

Attest:

  
Margaret E. Roark, Assistant Secretary

RECEIVED

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 11:00 AM 03/09/2001  
010118394 - 0610204

JUN 19 2001

DIVISION OF  
OIL, GAS AND MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**5. Lease Serial No.  
U-0576

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
NBU8. Well Name and No.  
NBU 3089. API Well No.  
43-047-3341310. Field and Pool, or Exploratory  
NATURAL BUTTES11. County or Parish, and State  
UINTAH COUNTY, UT

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
COASTAL OIL & GAS CORPORATIONContact: CHERYL CAMERON  
E-Mail: Cheryl.Cameron@CoastalCorp.com3a. Address  
P.O. BOX 1148  
VERNAL, UT 840783b. Phone No. (include area code)  
Ph: 435.781.7023  
Fx: 435.789.4436

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 28 T9S R21E Mer SENW

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> APDCH
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Coastal Oil & Gas Corporation requests authorization to extend the TD from the approved depth of 11,000' to 11,500'.

Refer to the attached DHD.

Approved by the  
Utah Division of  
Oil, Gas and Mining

Date: 06-25-01

By: 06-25-01  
CHD

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #5051 verified by the BLM Well Information System  
For COASTAL OIL & GAS CORPORATION, sent to the Vernal

Name (Printed/Typed) CHERYL CAMERON

Title OPERATIONS

Signature 

Date 06/18/2001

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By \_\_\_\_\_

Title \_\_\_\_\_

Date \_\_\_\_\_

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office \_\_\_\_\_

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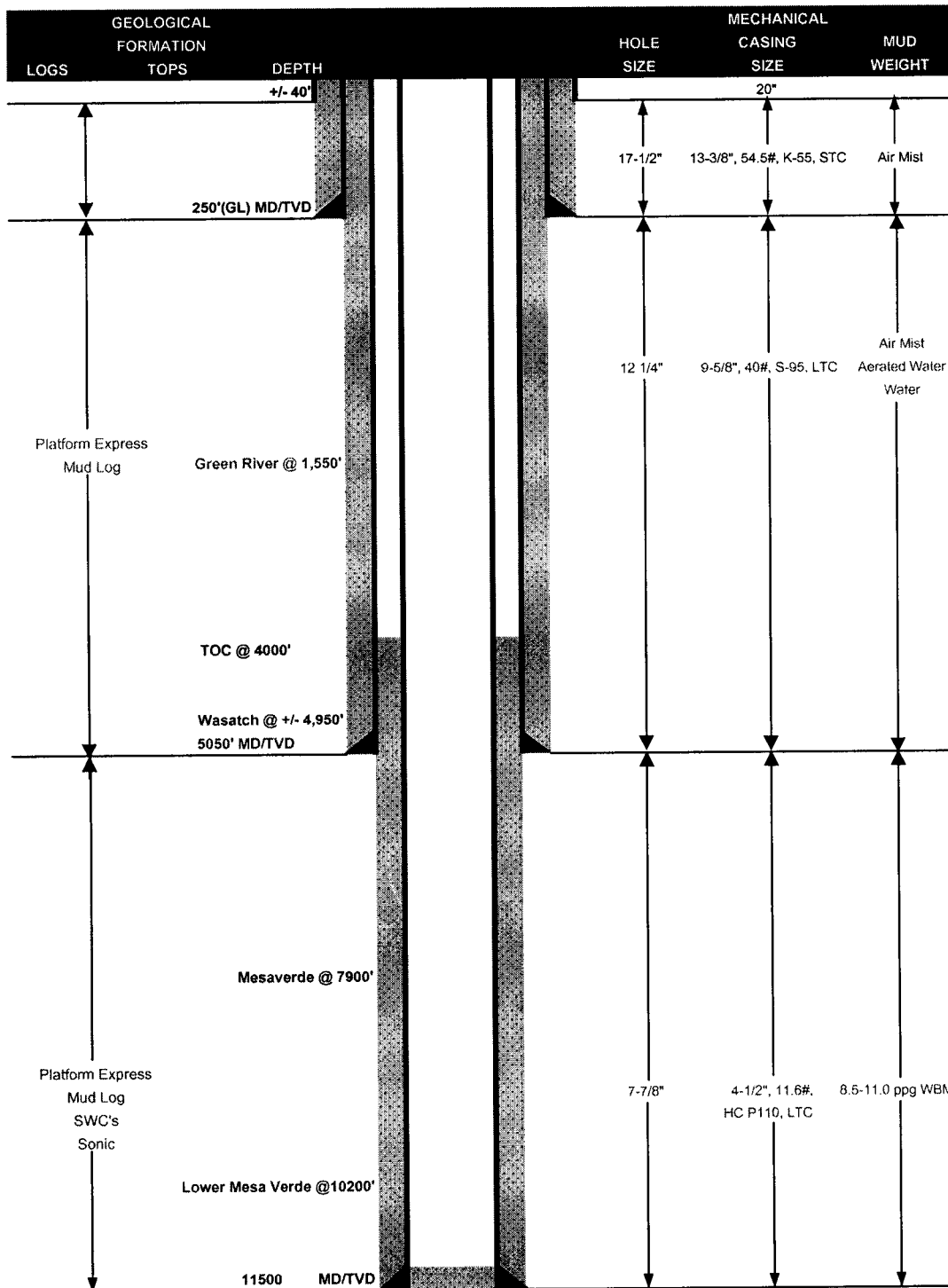
**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

# COASTAL OIL & GAS CORPORATION

## DRILLING PROGRAM

CONFIDENTIAL

COMPANY NAME Coastal Oil & Gas Corporation DATE April 20, 2001  
 WELL NAME NBU 308 TD 11500 MD/TVD  
 FIELD Natural Buttes COUNTY Uintah STATE Utah ELEVATION 4920 KB  
 SURFACE LOCATION 1671' FNL & 2129' FWL, SE/NW, Sec. 28, T9S, R21E BHL Straight Hole  
 OBJECTIVE ZONE(S) Wasatch, Mesaverde, Lower Mesa Verde  
 ADDITIONAL INFO Regulatory agencies: BLM, Utah, Tri-County Health Dept.



# COASTAL OIL & GAS CORPORATION

## DRILLING PROGRAM

Page 2/3

CONFIDENTIAL

### CASING PROGRAM

	SIZE	INTERVAL	WT.	GR.	CPLG.	DESIGN FACTORS		
						BURST	COLLAPSE	TENSION
SURFACE	13-3/8"	0-250'	54.50	K-55	STC	2,730	1,130	547,000
						19.47	9.66	4.81
INTERMEDIATE	9-5/8"	0 - 5050'	40.00	S-95	LTC	6,820	4,230	858,000
						1.94	1.79	2.84
PRODUCTION	4-1/2"	0-TD	11.60	HC P-110	LTC	10,690	8,650	279,000
						2.03	1.31	1.73

- Maximum Anticipated Surface Pressure (MASP) (Conductor and Surface Casings) = (Frac Gradient at Shoe - Gas Gradient (0.115 psi/ft))(TVD)
  - MASP (Int Casing) = Pore Pressure at Next Casing Point - (Gas Gradient x TVD of Next Casing Point x 0.67) - (Mud Weight x TVD x 0.052 x 0.33)
  - MASP (Prod Casing) = Pore Pressure - (Gas Gradient x TVD of Production Interval)
- (Burst Assumptions: FG @ 13-3/8" shoe = 13.0 ppg, Max Pore Pressure = Max MW)  
 (Collapse Assumption: Fully Evacuated Casing, Max MW) (Tension Assumptions: Buoyed Weight of Casing, 50000 lbs overpull)

### CEMENT PROGRAM

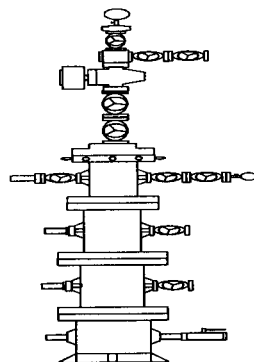
	FT. OF FILL	DESCRIPTION	SACKS	EXCESS*	WEIGHT	YIELD
SURFACE	250'	Premium Plus + 2% CaCl <sub>2</sub> + 0.25 lb/sk Flocele	250	50%	15.60	1.19
INTERMEDIATE	4,000'	Hifill Mod + 16% Gel + 0.2% WG17 + 0.6% Econolite + 1% HR7 + 3% salt + 10#/sk gilsonite + 0.125 #/sk polyflake	710	75%	11.60	3.13
		50/50 Poz Premium + 5% salt + 0.6% Halad 322 + 2% Microbond M + 0.2% Super CBL	410	50%	14.35	1.25
PRODUCTION	7,500'	50/50 Premium Poz/Nitrogen Foam + 20% SSA-1 + 5#/sk Silica Lite + 0.3% Zoneseal + 0.1% Versaset	2,020	50%	14.30	1.27

\* or 15% over caliper

### FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 joint, insert collar. Centralize first 3 joints & every other collar to surface. Thread lock FE up to and including pin end of float collar.
INTERMEDIATE	Float shoe, 1 joint, float collar. Centralize first 3 joints & every other joint to top of tail cement. Thread lock FE up to and including pin end of float collar.
PRODUCTION	Sure-seal float shoe, 1 joint, Sure-seal float collar. Centralize every other joint across pay zones.

### WELLHEAD EQUIPMENT



TREE	2-1/16" 5M
TUBING HEAD	11" 5M X 7-1/16" 10M
CASING SPOOL	
CASING SPOOL	13-5/8" 3M X 11" 5M
CASING HEAD	13-3/8" SOW X 13-5/8" 3M

# COASTAL OIL & GAS CORPORATION

## DRILLING PROGRAM

# CONFIDENTIAL

### BIT PROGRAM

ROCK BIT & PDC BIT PROGRAM						
INTERVAL	HOLE	BIT MFG & MODEL	GPM	SERIAL	NZLS	COMMENTS
Surface Hole	17-1/2"	Various				Pre-set
Intermediate hole	12 1/4"	Smith F27		Air/Aerated		
Production Hole	7-7/8"	Insert (4 or 5 type)	400-350			Possible Mud Motor

### GEOLOGICAL DATA

#### LOGGING:

Depth	Log Type
SC - TD	Triple Combo
Int - TD	Sonic

#### MUD LOGGER:

2000' - TD

#### SAMPLES:

As per Geology

#### CORING:

Possible SWC's at selective intervals.

#### DST:

As per Geology

### MUD PROGRAM

DEPTH	TYPE	MUD WT	WATER		TREATMENT
			LOSS	VISCOSITY	
0-Trona	Air Mist	NA	NA		
Trona-Intm	Aerated Water Water	NA	NC	NA	Polymer, Gyp
Intm-TD	Water/Mud	8.5-13.0	NC - <10 cc's	30-45	Polymer, Gyp

### ADDITIONAL INFORMATION

Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out. Test int. to 1,500 psi prior to drilling out.

BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi prior to drilling out. Record on chart recorder & tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper & lower kelly valves.

Run Totco survey every 500' from surface casing shoe to TD. Maximum allowable hole angle is 5 degrees.

#### DRILLING ENGINEER:

Dan Lindsey

DATE:

#### DRILLING MANAGER:

Darrell Molnar

DATE:

#### DIRECTOR OF DRILLING:

DATE:



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

# RECEIVED

JUL 12 2001

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTSL-065841

(UT-924)

JUL 10 2001

### NOTICE

El Paso Production Oil & Gas Company : Oil and Gas  
Nine Greenway Plaza :  
Houston TX 77046-0095 :

### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Coastal Oil & Gas Corporation into El Paso Production Oil & Gas Company with El Paso Production Oil & Gas Company being the surviving entity.

For our purposes, the name change is recognized effective March 9, 2001.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Coastal Oil & Gas Corporation to El Paso Production Oil & Gas Company. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Wyoming and Colorado.



Opolonia L. Abeyta  
Acting Chief, Branch of  
Minerals Adjudication

Enclosure

1. Exhibit of Leases (1 pp)

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
~~State of Utah, DOGM~~, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)



### Exhibit of Leases

UTUSL-065841A	UTU-47172	UTU-74415	UTU-53860
UTU-28652	UTU-50687	UTU-74416	UTU-66401
UTU-37943	UTU-52298	UTU-75091	UTU-67868
UTU-44089	UTU-0109054	UTU-75096	UTU-65389
UTU-44090A	UTU-0143511	UTU-75097	UTU-77084
UTU-61263	UTU-0143512	UTU-75673	UTU-61430
UTU-00343	UTU-38401	UTU-76259	UTU-72633
UTU-02651	UTU-38411	UTU-76260	UTU-72650
UTU-02651B	UTU-38418	UTU-76261	UTU-49692
UTU-0142175	UTU-38419	UTU-76493	UTU-57894
UTU-70235	UTU-38420	UTU-76495	UTU-76829
UTU-70406	UTU-38421	UTU-76503	UTU-76830
UTU-74954	UTU-38423	UTU-78228	UTU-76831
UTU-75132	UTU-38424	UTU-78714	
UTU-75699	UTU-38425	UTU-78727	
UTU-76242	UTU-38426	UTU-78734	
UTU-78032	UTU-38427	UTU-79012	
UTU-4377	UTU-38428	UTU-79011	
UTU-4378	UTU-53861	UTU-71694	
UTU-7386	UTU-58097	UTU-00576	
UTU-8344A	UTU-64376	UTU-00647	
UTU-8345	UTU-65222	UTU-01470D	
UTU-8347	UTU-65223	UTU-0136484	
UTU-8621	UTU-66746	UTU-8344	
UTU-14646	UTU-67178	UTU-8346	
UTU-15855	UTU-67549	UTU-8648	
UTU-25880	UTU-72028	UTU-28212	
UTU-28213	UTU-72632	UTU-30289	
UTU-29535	UTU-73009	UTU-31260	
UTU-29797	UTU-73010	UTU-33433	
UTU-31736	UTU-73013	UTU-34711	
UTU-34350	UTU-73175	UTU-46699	
UTU-34705	UTU-73434	UTU-78852	
UTU-37116	UTU-73435	UTU-78853	
UTU-37355	UTU-73444	UTU-78854	
UTU-37573	UTU-73450	UTU-075939	
UTU-38261	UTU-73900	UTU-0149767	
UTU-39223	UTU-74409	UTU-2078	
UTU-40729	UTU-74410	UTU-44426	
UTU-40736	UTU-74413	UTU-49530	
UTU-42469	UTU-74414	UTU-51026	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-0576
2. Name of Operator COASTAL OIL & GAS CORPORATION		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 1148 VERNAL, UT 84078		7. If Unit or CA/Agreement, Name and/or No. NBU
3b. Phone No. (include area code) Ph: 435.781.7023 Fx: 435.789.4436		8. Well Name and No. NBU 308
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 28 T9S R21E Mer SENW 1671FNL 2129FWL		9. API Well No. 43-047-33413
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input checked="" type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)


INTERMEDIATE - Drill f/ 267'-5070'. Run 5073' of 9 5/8" 40# S-95 csg. Cmt Lead: 700 sx Hifill Modified V + add; Tail: 375 sx Prem 300 + add.

PRODUCTION - Finished drlg f/ 5070'-11150' w/ Coastal Rig #5. Ran 11156' of 5 1/2" 17# csg. Cmt w/ 1630 sx foamed 50/50 Poz & 150 sx 50/50 Poz. Displaced w/ 257 BW.

RECEIVED

JUL 16 2001

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #5507 verified by the BLM Well Information System For COASTAL OIL &amp; GAS CORPORATION, sent to the Vernal</b>	
Name (Printed/Typed) CHERYL CAMERON	Title OPERATIONS
Signature 	Date 07/06/2001

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**  
FORM APPROVED  
OMB NO. 1004-0111  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

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3b. Phone No. (include area code) Ph: 435.781.7023 Fx: 435.789.4436		8. Well Name and No. NBU 308
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		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

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<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> STARTUP
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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The subject well was placed on sales on 7/18/01.

Refer to the attached Chronological History Report.

*[Handwritten signature and date stamp]*  
JUL 20 2001  
BLM/BIA  
C/L, VERNAL, UT

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #5838 verified by the BLM Well Information System For COASTAL OIL &amp; GAS CORPORATION, sent to the Vernal</b>	
Name (Printed/Typed) CHERYL CAMERON	Title OPERATIONS
Signature <i>[Handwritten Signature]</i>	Date 07/20/2001

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**EL PASO  
PRODUCTION REPORT**

CHRONOLOGICAL HISTORY

Page 1

**NBU 308**  
NATURAL BUTTES FIELD  
UINTAH COUNTY, UT

WI:  
PBD: PERFS:  
CSG:  
SPUD DATE:

AFE DESCR., AFE:  
FORMATION:  
CWC(M\$):

**DRILLING REPORT:**

Natural Buttes Uintah, UT Rig: CoastalDril #5 WI: 100% AFE: 054488 A  
TD: 11,500' SD: 04/28/01 Target: Lower MV @ 10,200' DHC: 1138 /CWC: 1964 /DC: 47  
/CC: 1907 9 5/8" @ 5072' (12.0)

6/18/01	<b>TD: 10,660' MW: 12.2 # 4' / 2 hrs. Finish POH with fish. LD fishing tools &amp; fish. Repair cathead. PU new BHA w/mill &amp; junk basket &amp; TIH (had indications of junk on washpipe shoe &amp; report of missing slip dies). Mill 4' of fill &amp; 4' of hole. POH .</b>
6/19/01	<b>TD: 10,714' MW: 12.2 # 58' / 13 ½ hrs. Finish TOH w/mill &amp; junk basket. TIH w/new bit. Drilling.</b>
6/20/01	<b>TD: 10,815' MW: 12.2 # 101' / 22 ½ hrs. Drilling.</b>
6/21/01	<b>TD: 10,855' MW: 12.2 # 40' / 8 hrs. Drilled to 10,840'. Trip for bit, rig repair on drawworks. Drilling</b>
6/22/01	<b>TD: 10,897' MW: 12.2 # 42' / 21 hrs. Drilling. Repairs to both pumps.</b>
6/25/01	<b>TD: 11,150' MW: 12.0 # 100' / 13 ½ hrs. Drilled to 11,150' &amp; circulate. Short trip 11 stands &amp; circulate. POH to log.</b>
6/26/01	<b>TD: 11,150' MW: 12.0 # 0' / 0 hrs. Finish POH. Logged, replace tool &amp; relog due to erroneous readings. TIH to C&amp;C for casing.</b>
6/27/01	<b>TD: 11,150' MW: 12.0 # 0' / 0 hrs. Finish TIH. C&amp;C and POH LDDP. Running 5 ½" casing.</b>
6/28/01	<b>TD: 11,150' MW: 12.0 # 0' / 0 hrs. Finish running casing. Circulated &amp; cemented w/full returns. ND BOP's, cut casing &amp; install/test tubinghead. Cleaning pits.</b>
6/29/01	<b>TD: 11,150' MW: 12.0 # 0' / 0 hrs. Finish cleaning pits. <u>Release rig at 8:00 AM 06/28/01.</u> Moving rig today to Wonsits Fed 1-5.</b>

---

**AFE# 054488**

**AFE DESCRIPTION: CASTLEGATE B & C COMPLETION**

7/10/01	<b>PREP TO CO WELLBORE MIRU. PU &amp; SIH W/4 ¾" BIT. EOT @ 6250'.</b>
7/11/01	<b>PREP TO LOG &amp; PERF RIH W/TBG TO 11089'. PICKLE TBG W/3 BBLS 15% HCL.</b>
7/12/01	<b>FRAC CASTLEGATE "C" RAN CBL-CCL-GR FROM 11,058' PBD TO 4800' &amp; 200' ABV &amp; BELOW CMT TOP @ 2700'. PERF 10,996'-11,010', 6 SPF, 84 HOLES &amp; 10,925'-10,931' (6 SPF) (36 HOLES) W/22.7 GRAM CHARGES W/60 DEG PHASING. BROKE DN THE PERFS @ 4563# @ 4 BPM TO 9 BPM USING 15 BBLS 3% KCL WTR. ISIP: 4230#, 5 MIN: 4072#, 10 MIN: 4005#, 15 MIN: 3957#, FG: 0.82.</b>
7/13/01	<b>FLOW TESTING CASTLEGATE "C" SICP: 3050#. FRAC'D CASTLEGATE "C" PERFS 10,925'-10,931' &amp; 10,996'-11,010' W/170,500# 20/40 ACFRAC BLACK &amp; 3859 BBLS WF120 LIQ GEL. ISIP: 4418#, FG: 0.85, NET PRESS INC: 318#, MTP: 8078#, ATP: 5852#, MTR: 66.8 BPM, ATR: 62.7 BPM. FLOW BACK WELL 18 HRS. CHK: 14/64" TO 40/64", FCP: 4200# TO 300#, 271 BWPH TO 33</b>

BWPH. TRACE SD TO CLEAN. TLTR: 3874 BBLS, TLR: 1956 BBLS, LLTR: 1918 BBLS.  
(NOTE: 78 GALS SCALE INHIBITOR INCLUDED IN PAD)

7/16/01 FLOW TESTING CASTLEGATE "C"  
7/14/01 PLACE ON SALES @ 12:00 PM 7/13/01. FLWD 370 MCF, 168 BW, FCP: 60#, 64/64" CHK, 18 HRS, LP: 66#.  
7/15/01 FLWD 382 MCF, 122 BW, FCP: 100#, 64/64" CHK, 24 HRS, LP: 60#.  
7/16/01 FLWD 323 MCF, 54 BW, FCP: 90#, 64/64" CHK, 24 HRS, LP: 60#. TLTR: 3874 BBLS, TLR: 2300 BBLS, LLTR: 1574 BBLS.

7/17/01 PREP TO PERF  
FLWD 322 MCF, 54 BW, FCP: 90#, 64/64" CHK, 24 HRS, LP: 57#. TLTR: 3874 BBLS, TLR: 2354 BBLS, LLTR: 1520 BBLS.

7/18/01 FLOW BACK LOAD  
SET 5 1/2" 10K CBP & PERF GUN. SET CBP @ 10,900'. PERF CASTLEGATE B FROM 10,780'-10,788', 3 SPF, 24 HOLES; 10,688'-10,692', 1 SPF, 4 HOLES; 10,648'-10,652', 1 SPF, 4 HOLES & 10,624'-10,632', 4 SPF, 32 HOLES. PUMP 15 BBLS 3% KCL INTO PERFS W/NO BRK DN PRESSURE - ISIP: 5730#, FG: 0.98. FRAC CASTLEGATE "B" PERFORATIONS W/3493 BBLS YF125 LGD & 395,380# 20/40 ACFRAC BLACK. ISIP: 7918#, NET PRESS INC: 2188#, FG: 1.18, MTP: 9621#, ATP: 6153#, MTR: 55.6 BPM, ATR: 45 BPM. FLOW BACK WELL 1 HR ON FULL OPEN CHK. FCP: 200#, 50 BW, TRACE SD. FLOW BACK 8 HRS ON 18/64" CHK. FCP: 1800# TO 1950#, 280 BWPH TO 66 BWPH, TRACE OF SD. FLOW BACK 6 HRS ON 14/64" CHK. CP: 2000# TO 2500#, 50 BWPH TO 44 BWPH. TLTR: 3493 BBLS, TLR: 1117 BBLS, LLTR: 2376 BBLS.

7/19/01 PROD TO SALES. LD TBG.  
FLWD WELL TO SALES OVERNIGHT. FLOWED 1654 MCF, 38 TO 27 BWPH, CP: 2300#, 20/64 CHK. TLTR: 3493 BBLS, TLR: 1928 BBLS, LLTR: 1565 BBLS.  
PLACED ON SALES ON 7/18/01.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry ☐ Other  
b. Type of Completion: ☒ New ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other \_\_\_\_\_

2. Name of Operator

El Paso Production Company

3. Address

P.O. Box 1148 Vernal, UT 84078

3a. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Report locations clearly and in accordance with Federal requirements)\*

At surface

SE/NW 1671' FNL & 2129' FWL

At top prod. interval reported below

At total depth

14. Date Spudded

09/06/01

15. Date T.D. Reached

06/23/01

16. Date Completed

☐ D & A

☒ Ready to Prod.

7-18-01

17. Elevations (DF, RKB, RT, GL)\*

4942.6' Ungraded GR

18. Total Depth: MD  
TVD

11,150'

19. Plug Back T.D.: MD  
TVD

11,099'

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

ALL/GR/CN/TLD - 7-20-01, BHCS/GR - 7-20-01

CBL/CCL/GR - 7-16-01

22. Was well cored? ☒ No ☐ Yes (Submit copy)

Was DST run? ☒ No ☐ Yes (Submit copy)

Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	61#	0'	258'	258	220			
12 1/4"	9 5/8"	40#	0'	5073'	5073'	1075			
7 7/8"	4 1/2"	11.6#	0'	11,156'	11,156'	1780			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	11,089							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) L. Mesaverde	10,624	11,010	See Attached			
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Treatment
See Attached	See Attached

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/18/01	07/20/01	→	→	0	2,448	597			Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
20/64	SI 325#	1850#	→	0	2448	597			Producing

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
		→	→						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
	SI		→						

(See instructions and spaces for additional data on reverse side)

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COURT

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Green River	1,687	4,964			
Wasatch	4,964	7,942			
Mesaverde	7,942				

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32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

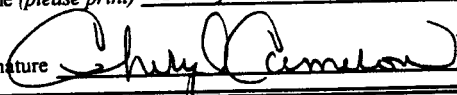
- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 5. Core Analysis   | 7. Other:     |                       |

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Cheryl Cameron

Title Regulatory Analyst

Signature



Date 8/15/2001

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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Form 3160-4

Additional Page For Comments

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

UTU-0576

Lease Serial No.

NBU #308

SENW Sec. 28, T9S, R21E

ITEM# 25, 26 & 27

INTERVAL	SIZE	NUMBER
L. MESAVERDE		
10,996-11,010	6 SPF	84 HOLES
10,925-10,931	6 SPF	36 HOLES
10,780-10,788	3 SPF	24 HOLES
10,688-10,692	1 SPF	4 HOLES
10,648-10,652	1 SPF	4 HOLES
10,624-10,632	4 SPF	32 HOLES

DEPTH INTERVAL	AMOUNT & KIND OF MATERIAL
10,925-11,010	170,500# 20/40 SAND
10,624-10,788	395,380# 20/40 SAND

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**CONFIDENTIAL**

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

5. Lease Serial No.  
UTU-0576

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
NBU

8. Well Name and No.  
NBU 308

API Well No.  
43-047-33413

10. Field and Pool, or Exploratory  
NATURAL BUTTES

11. County or Parish, and State  
UINTAH COUNTY, UT

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
EL PASO PRODUCTION

Contact: CHERYL CAMERON<sup>9</sup>  
E-Mail: Cheryl.Cameron@CoastalCorp.com

3a. Address  
P.O. BOX 1148  
VERNAL, UT 84078

3b. Phone No. (include area code)  
Ph: 435.781.7023  
Fx: 435.789.4436

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 28 T9S R21E Mer SENW 1671FNL 2129FWL

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input checked="" type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Any produced water from the subject well will be contained in a water tank and will be hauled by truck to one of the pre-approved disposal sites: RNI, Sec.5, T9S, R22E, NBU #159, Sec.35, T9S, R21E, Ace Oilfield, Sec.2, T6S, R20E, MC&MC, Sec.12, T6S, R19E.

**Accepted by the  
Utah Division of  
Oil, Gas and Mining  
FOR RECORD ONLY**

**RECEIVED**

AUG 27 2001

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #6680 verified by the BLM Well Information System  
For EL PASO PRODUCTION, sent to the Vernal**

Name (Printed/Typed) CHERYL CAMERON

Title OPERATIONS

Signature

Date 08/23/2001

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**OPERATOR CHANGE WORKSHEET****ROUTING**

1. GLH		4-KAS
2. CDW✓		5-LP ✓
3. JLT		6-FILE

Enter date after each listed item is completed

Change of Operator (Well Sold)

Designation of Agent

Operator Name Change (Only)

**X**      **Merger**The operator of the well(s) listed below has changed, effective: **3-09-2001****FROM: (Old Operator):**

COASTAL OIL &amp; GAS CORPORATION

Address: 9 GREENWAY PLAZA STE 2721

HOUSTON, TX 77046-0995

Phone: 1-(713)-418-4635

Account N0230

**TO: ( New Operator):**

EL PASO PRODUCTION OIL &amp; GAS COMPANY

Address: 9 GREENWAY PLAZA STE 2721 RM 2975B

HOUSTON, TX 77046-0995

Phone: 1-(832)-676-4721

Account N1845

**CA No.****Unit: NATURAL BUTTES****WELL(S)**

NAME	API NO	ENTITY NO	SEC TWN RNG	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 176	43-047-32144	2900	28-09S-21E	FEDERAL	GW	P
NBU 217	43-047-32480	2900	28-09S-21E	FEDERAL	GW	S
NBU 307	43-047-33007	2900	28-09S-21E	FEDERAL	GW	P
NBU 260	43-047-33009	2900	28-09S-21E	FEDERAL	GW	P
NBU 308	43-047-33413	2900	28-09S-21E	FEDERAL	GW	DRL
NBU 362	43-047-33774	99999	28-09S-21E	FEDERAL	GW	APD
NBU 363X (RIG SKID)	43-047-34159	99999	28-09S-21E	FEDERAL	GW	DRL
NBU 15-29B	43-047-30296	2900	29-09S-21E	FEDERAL	GW	P
NBU 35Y	43-047-30503	2900	29-09S-21E	FEDERAL	GW	P
NBU 177	43-047-32112	2900	29-09S-21E	FEDERAL	GW	P
NBU 313-29E	43-047-32378	2900	29-09S-21E	FEDERAL	GW	P
NBU 356-29E	43-047-32383	2900	29-09S-21E	FEDERAL	GW	P
NBU 422-29E	43-047-33698	2900	29-09S-21E	FEDERAL	GW	P
NBU 364	43-047-33776	2900	29-09S-21E	FEDERAL	GW	DRL
NBU 36Y	43-047-30603	2900	30-09S-21E	FEDERAL	GW	P
NBU 178	43-047-32121	2900	30-09S-21E	FEDERAL	GW	P
NBU 261	43-047-32928	2900	30-09S-21E	FEDERAL	GW	P
NBU 309	43-047-33010	2900	30-09S-21E	FEDERAL	GW	P
NBU 262	43-047-32929	2900	33-09S-21E	FEDERAL	GW	P
NBU 98	43-047-31327	2900	34-09S-21E	FEDERAL	GW	S

**OPERATOR CHANGES DOCUMENTATION**

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 06/19/2001
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 06/19/2001
3. The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 06/21/2001
4. Is the new operator registered in the State of Utah: YES Business Number: 608186-0143

5. If **NO**, the operator was contacted contacted on: N/A
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the (merger, name change, or operator change for all wells listed on Federal or Indian leases on: 07/10/2001
7. **Federal and Indian Units:** The BLM or BIA has approved the successor of unit operator for wells listed on: 07/10/2001
8. **Federal and Indian Communization Agreements ("CA"):** The BLM or the BIA has approved the operator change for all wells listed involved in a CA on: 07/10/2001
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

---

**DATA ENTRY:**

1. Changes entered in the **Oil and Gas Database** on: 08/01/2001
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 08/01/2001
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

---

**STATE BOND VERIFICATION:**

1. State well(s) covered by Bond No.: N/A

---

**FEDERAL BOND VERIFICATION:**

1. Federal well(s) covered by Bond No.: WY 2793

---

**FEE WELLS - BOND VERIFICATION/LEASE INTEREST OWNER NOTIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond No: N/A
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A
3. (R649-2-10) The **FORMER** operator of the Fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: \_\_\_\_\_

---

**FILMING:**

1. All attachments to this form have been **MICROFILMED** on: \_\_\_\_\_

---

**FILING:**

1. **ORIGINALS/COPIES** of all attachments pertaining to each individual well have been filled in each well file on: \_\_\_\_\_

---

**COMMENTS:** Master list of all wells involved in operator change from Coastal Oil & Gas Corporation to El Paso Production Oil and Gas Company shall be retained in the "Operator Change File".

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JAN. 17. 2003 3:34PM

WESTPORT

NO. 173 P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436  
Telephone: 303 573 5404 Fax: 303 573 5609

**February 1, 2002**

**Department of the Interior  
Bureau of Land Management  
2850 Youngfield Street  
Lakewood, CO 80215-7093  
Attention: Ms. Martha Maxwell**

**RE: BLM Bond CO-1203  
BLM Nationwide Bond 158626364  
Surety - Continental Casualty Company  
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.  
Assumption Rider - Westport Oil and Gas Company, L.P.**

**Dear Ms. Maxwell:**

**Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:**

**Two (2) Assumption Riders, fully executed originals.  
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.  
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.  
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.**

**Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.**

**I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.**

**Sincerely,  
Westport Oil and Gas Company, L.P.**

*Debby J. Black*  
**Debby J. Black  
Engineer Technician**

**Encl:**



# United States Department of the Interior **RECEIVED**

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF  
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

### NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas  
410 Seventeenth Street, #2300 :  
Denver Colorado 80215-7093 :

#### Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

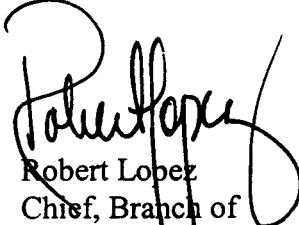
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405  
UTU-20895  
UTU-25566  
UTU-43156  
UTU-49518  
UTU-49519  
UTU-49522  
UTU-49523



Robert Lopez  
Chief, Branch of  
Minerals Adjudication

cc: Moab Field Office  
Vernal Field Office  
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217  
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114  
Teresa Thompson (UT-922)  
Joe Incardine (UT-921)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**CONFIDENTIAL**

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

<b>SUBMIT IN TRIPLICATE - Other instructions on reverse side.</b>		5. Lease Serial No. UTU-0576
1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: UNKNOWN		6. If Indian, Allottee or Tribe Name
2. Name of Operator EL PASO PRODUCTION O&G COMPANY		7. If Unit or CA/Agreement, Name and/or No. UTU-63047A
Contact: CHERYL CAMERON E-Mail: Cheryl.Cameron@ElPaso.com		8. Well Name and No. NBU 308
3a. Address P.O. BOX 1148 VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.7023 Fx: 435.781.7094	9. API Well No. 43-047-33413
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 28 T9S R21E SENW 1671FNL 2129FWL		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

OPERATOR REQUESTS AUTHORIZATION TO RE-COMplete THE SUBJECT WELL IN THE L.MESAVERDE ZONE IN ORDER TO ADD UPPER INTERVALS TO EXISTING PRODUCTION.

REFER TO THE ATTACHED PROCEDURE WITH THE PROPOSED PERFORATIONS.

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Date: 5/30/02  
By: [Signature]

Federal Approval Of This  
Action Is Necessary

**RECEIVED**

MAY 28 2002

DIVISION OF  
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct. Electronic Submission #11467 verified by the BLM Well Information System For EL PASO PRODUCTION O&G COMPANY, sent to the Vernal		COPY SENT TO OPERATOR Date: 5-31-02 Initials: CHD
Name (Printed/Typed) CHERYL CAMERON	Title OPERATIONS	
Signature: [Signature]		Date 05/23/2002

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

CONFIDENTIAL

**NBU #308 Lower Mesaverde Completion****Revised**

Section 28 – T9S – R21E

Uintah County

April 23, 2002

**RECEIVED**

MAY 28 2002

**DIVISION OF  
OIL, GAS AND MINING**

ELEVATION: 4943' GL 4960' KB (17')  
 TOTAL DEPTH: 11,150' PBTD: FC @ 11,099'  
 CASING: 9 5/8", 40#, S-95, @ 5072'  
 5-1/2", 17#, P-110 @11,150'

**EXISTING  
PERFORATIONS:**

Castlegate "C"  
 10,996'-11,010' 6 SPF  
 10,925'-10,931' 6 SPF  
 Castlegate "B"  
 10,780'-10,788' 4 SPF  
 10,688'-10,692' 1 SPF  
 10,648'-10,652' 1 SPF  
 10,624'-10,632' 3 SPF

**PROPOSED  
PERFORATIONS:**

9284' – 9288' 4 SPF (16 holes)  
 9358' – 9360' 4 SPF (8 holes)  
 9385' – 9388' 4 SPF (12 holes)  
 9489' – 9490' 4 SPF (4 holes)

**TUBULAR PROPERTIES:**

	BURST (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.6# N-80 tbg	11,200	11,780	1.901"	0.00387	0.1624
5-1/2" 17# P-110 csg	10,640	7,480	4.767"	0.0232	0.9764
2 3/8" by 5-1/2" Annulus				0.0178	0.7463
2 3/8" N-80 TENSILE (YIELD) STRENGTH = 104,340 LBS					

**PROCEDURE**

COMMUNICATION IS OF THE UTMOST IMPORTANCE. IF QUESTIONS ARISE, CONTACT  
 VERNAL OFFICE IMMEDIATELY.

1. MIRU work-over unit. NDWH RUBOP. POOH with tubing and remove stuck plunger and packer (10,641'). GIH with NC and tubing to 11,050'. Pump 1000 gal. 15% HCL down tubing and circulate the acid out of well. If well will not circulate swab the acid out of the tubing. POOH with tubing.
2. GIH with Halliburton PPI tool and mechanical collar locator. Straddle each set of perforations and pump 500 gal. 15% HCL into each zone at 5 bpm or 5000 psi. which ever comes first. Overdisplace each acid volume with 12 bbls. 2% KCL water. POOH with PPI tool.
3. RIH with NC, 1-jt tubing, and SN and hang tubing with EOT at 10,900'. NDBOP and NUWH. Temporarily release workover unit.



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RECEIVED

MAY 28 2002

DIVISION OF  
OIL, GAS AND MINING

4. MIRU swab unit. Swab well in. After PH is near 7 put well on production. Flow test for approximately one week to determine results of acid job.
5. MIRU work-over unit. NDWH NUBOP. POOH with tubing. Spot 8 clean and lined 500 bbl frac tanks. Use filtered fresh water as base fluid.
6. MIRU wireline company. GIH with 10,000 psi CBP and set at  $\pm 9,600'$ . POOH.
7. Pick up perforating guns and perforate the LMV from 9489 – 9490 (4 SPF) (4 holes), 9385' – 9388' (4 SPF) (12 holes), 9358' – 9360' (4 SPF) (8 holes), 9284 – 9288' (4 SPF) (16 holes) using 3-1/8" gun, 12 gm charge (0.32"), 90 degree phasing. Record pressures before and after perforating.
8. GIH with bridge plug and packer on 2 3/8" tubing. Straddle each set of perforations and break down with 20 bbls 2 % KCL water. Record ISIP, and 10 min. pressures. If perforations will not break down spot acid (have 500 gal. 15% HCL on location).
9. Heat frac tanks to 80 degrees. MIRU Schlumberger. Frac LMV (9284' – 9490') with 332,000 lbs of 20/40 Ottawa sand and 2714 bbls of YF122. Maximum surface treating pressure not to exceed 5,000 psi. The anticipated rate is 40 BPM. The modeled frac length for the top frac is 450' and the height is 93'; for the second frac the length is 294' and the height is 50'; for the third frac the length is 341' and the height is 83'; and for the bottom frac the length is 229' and the height is 90'. All modeling was done using 0.025 md permeability and 60 acre spacing.

STAGE	GEL	CLEAN VOLUME (GAL)	CLEAN VOLUME (BBLs)	CUM. CLEAN (BBLs)	PROP (LBS)	CUM. PROP (LBS)	PROP TYPE
Pad	YF122LG	22000	524	524	0	0	
1- ppg	YF122LG	7000	167	571	7000	7000	20/40 Ottawa
3- ppg	YF122LG	30000	714	1405	90000	97000	20/40 Ottawa
4- ppg	YF122LG	40000	952	2357	160000	257000	20/40 Ottawa
5- ppg	YF122LG	15000	357	2714	75000	332000	20/40 Ottawa
Flush	Slick Wtr	9030	215	2929			

12. Immediately flow the well back at 240 bph. If necessary RIH with 5000 psi CBP and set at  $\pm 9230$  the next morning to be able to RIH with tubing.

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13. GIH with 4-3/4" bit, pump-off sub, 1-jt N-80 tubing, SN, and tubing. Circulate fluids out well with air/foam unit and drill CBPs. Clean-out to PBTD (11,099'). PU so EOCY 2002 NDBOP and NUWH. Drop ball and bit. Put well on Production.

MAY 15 2002  
DIVISION OF  
OIL, GAS AND MINING

KAM

Eng. Manager \_\_\_\_\_

Tech. Manager \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

5. Lease Serial No.  
UTU0576

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

7. If Unit or CA/Agreement, Name and/or No.  
UTU63047A

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.  
NBU 308

2. Name of Operator  
EL PASO PROD OIL & GAS CO

Contact: CHERYL CAMERON  
E-Mail: Cheryl.Cameron@Elpaso.com

9. API Well No.  
43-047-33413-00-S1

3a. Address  
P O BOX 1148  
VERNAL, UT 84078

3b. Phone No. (include area code)  
Ph: 435.781.7023  
Fx: 435.789.4436

10. Field and Pool, or Exploratory  
NATURAL BUTTES

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Sec 28 T9S R21E SENW 1671FNL 2129FWL

11. County or Parish, and State  
UINTAH COUNTY, UT

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

OPERATOR REQUESTS AUTHORIZATION TO RE-COMplete THE SUBJECT WELL IN THE L.MESAVERDE ZONE IN ORDER TO ADD UPPER INTERVALS TO EXISTING PRODUCTION.

REFER TO THE ATTACHED PROCEDURE WITH THE PROPOSED PERFORATIONS.

**RECEIVED**

JUN 06 2002 *email*

**DIVISION OF  
OIL, GAS AND MINING**

14. I hereby certify that the foregoing is true and correct.

**Electronic Submission #11467 verified by the BLM Well Information System  
For EL PASO PROD OIL & GAS CO, sent to the Vernal  
Committed to AFMSS for processing by LESLIE WALKER on 06/05/2002 (02LW1095SE)**

Name (Printed/Typed) CHERYL CAMERON

Title OPERATIONS

Signature (Electronic Submission)

Date 05/23/2002

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By KIRK FLEETWOOD

Title PETROLEUM ENGINEER

Date 06/06/2002

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Vernal

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\* REVISED \*\***

# **Revisions to Operator-Submitted EC Data for Sundry Notice #11467**

	<b>Operator Submitted</b>	<b>BLM Revised (AFMSS)</b>
Sundry Type:	RCMPL NOI	RCMPL NOI
Lease:	UTU-0576	UTU0576
Agreement:	UTU-63047A	UTU63047A
Operator:	EL PASO PRODUCTION O&G COMPANY P.O. BOX 1148 VERNAL, UT 84078 Ph: 435.781.7023 Fx: 435.781.7094	EL PASO PROD OIL & GAS CO P O BOX 1148 VERNAL, UT 84078 Ph: 435.789.4433
Admin Contact:	CHERYL CAMERON OPERATIONS E-Mail: Cheryl.Cameron@ElPaso.com Cell: 435.671.2747 Ph: 435.781.7023 Fx: 435.781.7094	CHERYL CAMERON OPERATIONS E-Mail: Cheryl.Cameron@Elpaso.com  Ph: 435.781.7023 Fx: 435.789.4436
Tech Contact:		
Location:		
State:	UT	UT
County:	UINTAH	UINTAH
Field/Pool:	NATURAL BUTTES	NATURAL BUTTES
Well/Facility:	NBU 308 Sec 28 T9S R21E SENW 1671FNL 2129FWL	NBU 308 Sec 28 T9S R21E SENW 1671FNL 2129FWL

El Paso Production Company  
Sundry Notice

Well: NBU 308

Location: SENW Sec. 28 T9S, R21E

Lease: UTU 0576

**CONDITION OF APPROVAL**

1. Following completion operations, submit in duplicate, Form 3160-4 (formerly Form 9-330), Well completion or Recompletion Report and Log, well history, electric logs, and any other surveys. This report must be filed within 30 days after the completion of downhole operations.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**CONFIDENTIAL**

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other: UNKNOWN		5. Lease Serial No. UTU-0576
2. Name of Operator EL PASO PRODUCTION O&G COMPANY		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 1148 VERNAL, UT 84078		7. If Unit or CA/Agreement, Name and/or No. UTU-63047A
3b. Phone No. (include area code) Ph: 435.781.7023 Fx: 435.781.7094		8. Well Name and No. NBU 308
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 28 T9S R21E SENW 1671FNL 2129FWL		9. API Well No. 43-047-33413
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

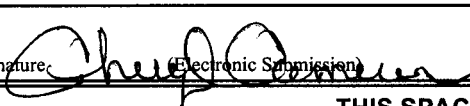
**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THE SUBJECT WELL WAS PLACED BACK ON PRODUCTION 7/15/02, AFTER RE-COMPLETION OF THE L. MESAVERDE ZONE.

REFER TO THE ATTACHED CHRONOLOGICAL RE-COMPLETION HISTORY REPORT.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #13109 verified by the BLM Well Information System For EL PASO PRODUCTION O&amp;G COMPANY, sent to the Vernal</b>	
Name (Printed/Typed) CHERYL CAMERON	Title OPERATIONS
Signature 	Date 07/25/2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***

**EL PASO  
PRODUCTION REPORT**

CHRONOLOGICAL HISTORY

NBU 308 - Re-Completion

Page 1

FORMATION: MESA VERDE RECOMPLETION

**7/9/02 SET PLUG & PERF**  
MIRU. FTP: 0#, SICP: 0#. NDWH. NUBOP'S. LD TBG HANGER. POOH W/2 3/8" N-80 TBG FROM 10,894'. LAY DN BTM HOLE ASSEMBLY. SWIFD.

**7/10/02 PREP TO FISH RBP**  
RIH & SET 5 1/2" 10K CBP @ 9620'. TST CSG TO 5000#. PERF LWR MESA VERDE 9489'-9490', 4 SPF, 4 HOLES; 9385'-9388', 4 SPF, 12 HOLES; 9358'-9360', 4 SPF, 8 HOLES; AND 9284'-9288', 4 SPF, 16 HOLES. RIH W/RBP & PKR. STRADDLE PERFS 9489'-90'. BRK DN W/3600# @ 1/2 BPM, ISIP: 3400#, FG: 0.79. STRADDLE PERFS 9285'-88'. UNABLE TO GET PRESS. COMMUNICATED. RESET PKR ABV PERF @ 9358'. PMP 20 BBLS INTO PERFS 9388' TO 9358' W/3700# @ 2 1/2 BPM. ISIP: 3000#, FG: 0.75. STRADDLE PERFS FROM 9284'-88'. BRK DN W/3500# @ 1/2 BPM, ISIP: 3100#, FG: 0.77. UNABLE TO RLS RBP @ 9398'. POOH W/PKR.

**7/11/02 PREP TO FRAC**  
SICP & SITP: 500#. FIN POOH & LD PKR. RIH W/FISHING TOOLS. TAG & LATCH RBP @ 9398'. JAR RBP LOOSE. PUSH PLUG TO 9490'. REV CIRC W/60 BBLS 2% KCL. POOH & LD RBP. PREP TO FRAC.

**7/12/02 PREP TO RIH W/TBG & CO WELLBORE**  
FRAC MESA VERDE PERFS 9284'-9490'. PUMP 1610 BBLS YF120LGD & 14,600# (128,792# INTO FM) WHEN WELL PRESSURED OUT. ISIP: 4408#, FG: 0.9, NPI: 2600#, MTP: 4907#, ATP: 4094#, MTR: 42.9 BPM, ATR: 32.2 BPM. OPEN WELL TO PIT ON FULL OPEN CHK. FLOW BACK 18 HRS THEN DIED. FCP: 60# TO 180# TO 0#, 360 BWPH TO 0, SLIGHT SD TO NONE. TLTR: 1900 BBLS, TLR: 1873 BBLS, LLTR: 27 BBLS.

**7/15/02 FLOWING TO SALES**  
7/13/02: PU BIT. PMP OFF BIT SUB, 1 JT TBG, & SN. RIH. TAGGED SD @ 9564'. CIRC SD OUT TO 9620'. DRILLED OUT CBP & CONT TO CO TO PBTB @ 11,094' USING AIR FOAM. PUH @ LAND TBG @ 10,895'. NDBOP & NU TREE. DROPPED BALL & PMP OFF BIT. FLOWED BACK. CP: 500 TO 550#, FTP: 250 TO 140#, 64/64" CHK, 16 TO 3 BWPH, SD: MEDIUM TO CLEAN.  
7/14/02: FCP: 550 TO 500#, FTP: 120 TO 100#, 64/64" CHK, 16 TO 8 BWPH, SD: CLEAN, EST RATE 1000 MCF.  
7/15/02: FCP: 500 TO 400#, FTP: 100 TO 70#, 64/64" CHK, 19 TO 11 BWPH, EST RATE 750 MCF. TLTR: 1900 BBLS, TLR: 2300 BBLS, LLTR: -400 BBLS OVERLOAD.

**7/16/02 ON SALES**  
FLOWING TO SALES. TLTR: 1900 BBLS, TLR: 2300 BBLS, LLTR: -400 BBLS OVERLOAD.

**7/17/02 ON SALES**  
FLOWING TO SALES. UNABLE TO OBTAIN DATA BECAUSE OF COMMUNICATION PROBLEM. TLTR: 1900 BBLS, TLR: 2300 BBLS, LLTR: -400 BBLS OVERLOAD.

**7/18/02 SI**  
SI WO LINE PRESS TO DROP BEFORE SWABBING TO KICK OFF WELL. TLTR: 1900 BBLS, TLR: 2300 BBLS, LLTR: -400 BBLS OVERLOAD.

**7/19/02 SWABBING**  
SI WO LINE PRESS TO DROP BEFORE SWABBING THE WELL IN. SITP: 210#, SICP: 2226#. TLTR: 1900 BBLS, TLR: 2300 BBLS, LLTR: -400 BBLS OVERLOAD.

**7/22/02**  
7/20/02: FLWD 19 MCF, 100 BW, FTP: 200#, CP: 2134#, 64/64" CHK, 1 HR, LP: 260#, DN 23 HRS SWABBING.  
7/21/02: FLWD 785 MCF, 188 BW, FTP: 300#, CP: 866#, 20/64" CHK, 20 HRS, LP: 181#.  
7/22/02: FLWD 597 MCF, 173 BW, FTP: 200#, CP: 836#, 64/64" CHK, 24 HRS, LP:

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146#. TLTR: 1900 BBLS, TLR: 2761 BBLS, LLTR: (861 BBLS OVER LOAD).

**FINAL REPORT**

PRIOR PRODUCTION: 165 MCF, FTP: 80#, PKR, 64/64" CHK, LP: 80#, 53 BWPD.



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Form 3160-4  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED

OMB NO. 1004-0137

Expires: November 30, 2000

5. Lease Serial No.  
UTU-0576

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry ☐ Other  
 b. Type of Completion: ☐ New ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
 Other Repair

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
UTU-63047A8. Lease Name and Well No.  
NBU 3089. API Well No.  
43-047-3341310. Field and Pool, or Exploratory  
Natural Buttes11. Sec., T., R., M., or Block and  
Survey or Area Sec. 28, T9S, R21E12. County or Parish  
Uintah13. State  
UT

2. Name of Operator

El Paso Production Oil &amp; Gas Company

3. Address

P.O. Box 1148 Vernal, UT 84078

3a. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Report locations clearly and in accordance with Federal requirements)\*

At surface

SWNW 1671' FNL &amp; 2129' FWL

At top prod. interval reported below

At total depth

14. Date Spudded  
N/A15. Date T.D. Reached  
N/A16. Date Completed  
☐ D & A ☐ Ready to Prod.  
N/A17. Elevations (DF, RKB, RT, GL)\*  
N/A18. Total Depth: MD  
TVD N/A19. Plug Back T.D.: MD  
TVD N/A20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

N/A

22. Was well cored? ☐ No ☐ Yes (Submit copy)  
Was DST run? ☐ No ☐ Yes (Submit copy)  
Directional Survey? ☐ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) L. Mesaverde	9284	9490	9284-9288	4	16	
B)			9358-9360	4	8	
C)			9385-9388	4	12	
D)			9489-9490	4	4	

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
9284-9490	Frac w/ 14,600# 20/40 sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
									Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
									Producing

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	

(See instructions and spaces for additional data on reverse side)

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*)**Sold & Used For Fuel**

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth

## 32. Additional remarks (include plugging procedure):

Well back on production after re-completion on 7/15/02

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 5. Core Analysis   | 7. Other:     |                       |

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Cheryl CameronTitle Operations

Signature

Date 7/26/2002

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES GOVERNMENT

# memorandum

Branch of Real Estate Services  
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to  
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

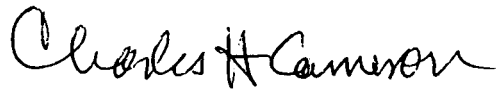
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES  
Ute Energy & Mineral Resources Department: Executive Director  
chrono





IN REPLY REFER TO:  
Real Estate Services.

## United States Department of the Interior

BUREAU OF INDIAN AFFAIRS  
Washington, D.C. 20240

FEB 10 2003

Carroll A. Wilson  
Principal Landman  
Westport Oil and Gas Company, L.P.  
1368 South 1200 East  
Vernal, Utah 84078

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,

Director, Office of Trust Responsibilities

**ACTING**

Enclosure



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155

IN REPLY REFER TO  
UT-922

February 27, 2003

Westport Oil and Gas Company, L.P.  
Attn: Gary D. Williamson  
1670 Broadway, Suite 2800  
Denver, Colorado 80202

Re: Natural Buttes Unit  
Uintah County, Utah

Gentlemen:

On February 27, 2003, we received an indenture dated December 17, 2002, whereby El Paso Production Oil & Gas Company resigned as Unit Operator and Westport Oil and Gas Company, L.P., was designated as Successor Unit Operator for the Natural Buttes Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective February 27, 2003. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Natural Buttes Unit Agreement.

Your nationwide (Colorado) oil and gas bond No. 1203 will be used to cover all operations within the Natural Buttes Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Robert A. Henricks

Robert A. Henricks  
Chief, Branch of Fluid Minerals

Enclosure

bcc: Field Manager - Vernal (w/enclosure)  
SITLA  
Division of Oil, Gas & Mining  
Minerals Adjudication Group  
File - Natural Buttes Unit (w/enclosure)  
Agr. Sec. Chron  
Fluid Chron  
UT922:TAThompson:tt:02/27/2003

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: El Paso Production Oil & Gas Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 9 Greenway Plaza Houston TX 77064-0995		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: COUNTY: QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: STATE: UTAH		8. WELL NAME and NUMBER: Exhibit "A"
PHONE NUMBER: (832) 676-5933		9. API NUMBER:
		10. FIELD AND POOL, OR WILDCAT:

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

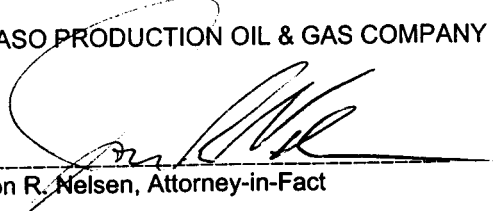
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # \_\_\_\_\_

State Surety Bond No. RLB0005236  
Fee Bond No. RLB0005238


EL PASO PRODUCTION OIL & GAS COMPANY

By:   
Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.		TITLE Agent and Attorney-in-Fact	
NAME (PLEASE PRINT) David R. Dix			
SIGNATURE 		DATE 12/17/02	

(This space for State use only)

Form 3160-5  
(August 1999)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL &amp; GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>SUCCESSOR OF</b>
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	<b>OPERATOR</b>

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof). If the proposal is to deepen directionally or recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed if testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158626364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

DIV. OF OIL, GAS &amp; MINING

## THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

## OPERATOR CHANGE WORKSHEET

1. GLH
2. CDW ✓
3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

<b>FROM: (Old Operator):</b>	<b>TO: ( New Operator):</b>
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit: NATURAL BUTTES

## WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
NBU 83J	27-09S-21E	43-047-31235	2900	STATE	GW	P
NBU 26	27-09S-21E	43-047-30252	2900	STATE	GW	P
NBU 57N	27-09S-21E	43-047-30867	2900	STATE	GW	P
NBU 158	27-09S-21E	43-047-31997	2900	STATE	GW	P
NBU 145	27-09S-21E	43-047-31976	2900	STATE	GW	P
NBU 183	27-09S-21E	43-047-32122	2900	STATE	GW	P
NBU 353	27-09S-21E	43-047-33205	2900	STATE	GW	P
NBU 459	27-09S-21E	43-047-34680	2900	FEDERAL	GW	DRL
<b>NBU 308</b>	28-09S-21E	43-047-33413	2900	FEDERAL	GW	P
NBU 362	28-09S-21E	43-047-33774	2900	FEDERAL	GW	P
NBU 363	28-09S-21E	43-047-33775	2900	FEDERAL	GW	PA
NBU 363X	28-09S-21E	43-047-34159	2900	FEDERAL	GW	TA
NBU 217	28-09S-21E	43-047-32480	2900	FEDERAL	GW	S
NBU 20	28-09S-21E	43-047-30250	2900	FEDERAL	GW	P
NBU 56N2	28-09S-21E	43-047-30884	2900	FEDERAL	GW	P
NBU 110	28-09S-21E	43-047-31924	2900	FEDERAL	GW	P
NBU 133	28-09S-21E	43-047-31950	2900	FEDERAL	GW	P
NBU 134	28-09S-21E	43-047-32011	2900	FEDERAL	GW	P
NBU 175	28-09S-21E	43-047-32143	2900	FEDERAL	GW	P
NBU 176	28-09S-21E	43-047-32144	2900	FEDERAL	GW	P

## OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted on: \_\_\_\_\_



6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: N/A

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

**DATA ENTRY:**

1. Changes entered in the Oil and Gas Database on: 03/12/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/12/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

**STATE WELL(S) BOND VERIFICATION:**

1. State well(s) covered by Bond Number: RLB 0005236

**FEDERAL WELL(S) BOND VERIFICATION:**

1. Federal well(s) covered by Bond Number: 158626364

**INDIAN WELL(S) BOND VERIFICATION:**

1. Indian well(s) covered by Bond Number: RLB 0005239

**FEE WELL(S) BOND VERIFICATION:**

1. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The **FORMER** operator has requested a release of liability from their bond on: N/A  
The Division sent response by letter on: N/A

**LEASE INTEREST OWNER NOTIFICATION:**

3. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
WESTPORT OIL & GAS COMPANY, L.P.

3a. Address  
P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)  
(435) 781-

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
Multiple Wells - see attached

5. Lease Serial No.  
Multiple Wells - see attached

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.  
891008900A

8. Well Name and No.

Multiple Wells - see attached

9. API Well No.

Multiple Wells - see attached

10. Field and Pool, or Exploratory Area

Natural Buttes Unit

11. County or Parish, State

Utah County, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Westport Oil & Gas requests a variance to Onshore Order No. 4, Part IIIC.a. requiring each sales tank be equipped with a pressure-vacuum thief hatch and/or vent line valve. The variance is requested as an economic analysis shows the value of the shrunk condensate will not payout the incremental cost of purchasing and maintaining the valve resulting in a loss of value over the producing life of the well.

The volume lost to shrinkage by dropping the tank pressure from 6 ozs. to 0 psig is shown to be 0.3% of the tank volume. This was determined by lab analysis of a representative sample from the field. The sample shrunk from 98.82% of original volume to 98.52% when the pressure was dropped.

The average NBU well produces approximately 6 bbls condensate per month. The resulting shrinkage would amount to 0.56 bbls per month lost volume due to shrinkage. The value of the shrunk and lost condensate does not recoup or payout the cost of installing and maintaining the valves and other devices that hold the positive tank pressure. An economic run based on the loss and costs is attached.

Westport Oil & Gas requests approval of this variance in order to increase the value of the well to the operator and the mineral royalty owners.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

J.T. Conley

Signature

COPY SENT TO OPERATOR

Date:

Initials:

Title

Date

Operations Manager

9-2-2003

SEP 10 2003

DIV. OF OIL, GAS & MINING

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Date: 9/16/03

Accepted by the  
Utah Division of  
Oil, Gas and Mining

Federal Approval of This  
Action is Necessary

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NBU 260	20-9-21 SENE	UTU0576	891008900A	430473300900S1
NBU 261	30-9-21 SENW	UTU0581	891008900A	430473292800S1 ✓
NBU 262	33-9-21 NENE	UTU0576	891008900A	430473292900S1
NBU 263	34-9-21 SENW	U01194	891008900A	430473279300S1 ✓
NBU 264	1-10-21 SESW	U02842B	891008900A	430473300000S1
NBU 265	2-10-21 NESE	ML13826	891008900A	430473279600S1 ✓
NBU 266	10-10-21 SWNW	UTU0149079	891008900A	430473294100S1
NBU 267	10-10-21 NESW	UTU01416A	891008900A	430473294200S1
NBU 268	11-10-21 NENE	U01190	891008900A	430473300100S1
NBU 269	12-10-21 SWNW	UTU1196D	891008900A	430473347300S1
NBU 270	13-10-21 SWNW	ML23608	891008900A	430473286200S1 ✓
NBU 271	24-10-20 SWNW	UTU4485	891008900A	430473288700S1
NBU 272	11-10-22 SWNE	U01197A	891008900A	430473288900S1 ✓
NBU 273	22-9-21 NWNW	UTU0147566	891008900A	430473290600S1
NBU 274	23-9-21 NESW	UTU149075	891008900A	430473290700S1
NBU 275	9-9-21 NWSW	UTU01188	891008900A	430473290500S1
NBU 277	19-9-22 SENE	UTU0284	891008900A	430473304200S1
NBU 278	30-9-22 SWSW	U463	891008900A	430473301100S1
NBU 280	31-9-22 NESW	ML22935A	891008900A	430473286500S1 ✓
NBU 281	32-9-22 SWSW	ML22649	891008900A	430473286600S1 ✓
NBU 282	32-9-22 NESE	ML22649	891008900A	430473286700S1
NBU 285	3-10-22 NWNW	UTU01191	891008900A	430473297600S1
NBU 286	3-10-22 SENW	UTU01191	891008900A	430473298400S1
NBU 287	3-10-22 NESE	UTU01191A	891008900A	430473298500S1
NBU 288	3-10-22 NWSW	UTU01191	891008900A	430473298600S1
NBU 289	3-10-22 SESW	UTU01191	891008900A	430473291000S1
NBU 290	3-10-22 SWSE	UTU01191A	891008900A	430473298700S1
NBU 291	9-10-22 NENE	UTU01196D	891008900A	430473291100S1
NBU 292	9-10-22 SWNE	UTU1196D	891008900A	430473347400S1
NBU 293	10-10-22 SENE	UTU025187	891008900A	430473318200S1
NBU 294X	22-9-20 NENW	UTU0577B	891008900A	430473346500S1
NBU 295	12-10-20 SWSW	UTU4478	891008900A	430473293900S1
NBU 296	24-10-20 NWNE	UTU4485	891008900A	430473288600S1
NBU 297	11-9-21 SWNW	UTU0141315	891008900A	430473304000S1
NBU 298	15-9-21 NESW	UTU01188	891008900A	430473304100S1
NBU 299	16-9-21 SWNE	ML3282	891008900A	430473301200S1
NBU 300	21-9-21 NWNW	UTU0576	891008900A	430473302300S1
NBU 301	25-9-21 NWSW	U01194	891008900A	430473285900S1 ✓
NBU 302	26-9-21 SWNW	U01194	891008900A	430473287700S1 ✓
NBU 303	26-9-21 SESE	ML22934	891008900A	430473287800S1 ✓
NBU 304	27-9-21 SESE	U01194A	891008900A	430473287900S1 ✓
NBU 305	27-9-21 SWSE	U01194A	891008900A	430473288000S1 ✓
NBU 306	27-9-21 NWNW	U01194A	891008900A	430473288000S1 ✓
NBU 307	28-9-21 NWNE	U05676	891008900A	430473300700S1
NBU 308	28-9-21 SENW	U05676	891008900A	430473314300S1
NBU 309	30-9-21 NENE	UTU0581	891008900A	430473301000S1
NBU 310	35-9-21 NENW	U01194	891008900A	430473288200S1 ✓
NBU 311	4-10-22 NESE	UTU01191	891008900A	430473283700S1
NBU 312-E2	2-9-21 SWSE	UTU21510	891008900A	430473228800S1 ✓
NBU 313	4-10-22 NENW	UTU01191A	891008900A	430473283800S1
NBU 315	11-9-21 SENE	UTU0141317	891008900A	430473387900S1
NBU 316	11-9-21 SWNE	UTU0141317	891008900A	430473441300S1
NBU 317	13-9-21 NENE	U-01193	891008900A	430473392100S1
NBU 318	13-9-21 SWNE	UTU01193	891008900A	430473388000S1
NBU 320	25-9-21 NWNW	U01189	891008900A	430473320100S1
NBU 321	26-9-21 SWSW	U01194	891008900A	430473320200S1 ✓
NBU 322	34-9-21 SESW	U01994	891008900A	430473320300S1 ✓
NBU 323	30-9-22 NENE	U-463	891008900A	430473405000S1
NBU 326	31-9-22 NESW	ML22935A	891008900A	430473320400S1 ✓
NBU 327	33-9-22 SWSE	UTU01191	891008900A	430473373500S1
NBU 329	1-10-21 NESW	UTU02842B	891008900A	430473322700S1
NBU 330	3-10-21 NENE	UTU0149078	891008900A	430473322800S1
NBU 331	3-10-21 NWNE	UTU0149078	891008900A	430473322900S1

# Westport Oil & Gas, L.P.

## Project Economics Worksheet

### Instructions:

Fill in blue boxed areas with before and after project data. The evaluation results are shown below and graphed automatically at the bottom of the page. This sheet is protected to prevent accidental alteration of the formulas. See JTC for changes. OPX entered as annual costs and/or as unit OPX costs for \$/BF and \$/MCF

Project Name:

Condensate Shrinkage Economics

Is this job a well pull or production rig job ??? ☐ N (Y or N)

	BEFORE \$/Year	AFTER \$/Year	DIFFERENCE \$/Year
Gross Oil Revenue	\$1,088	\$1,099	\$11
Gross Gas Revenue	\$0	\$0	\$0
NGL Revenue	\$0	\$0	\$0
PULING UNIT SERVICE			\$0
WIRELINE SERVICE			\$0
SUBSURF EQUIP REPAIRS			\$0
COMPANY LABOR			\$0
CONTRACT LABOR	\$0	\$200	\$200
CONTR SERVICE			\$0
LEASE FUEL GAS	\$0	\$0	\$0
UTILITIES - ELECTRICITY	\$0	\$0	\$0
CHEMICAL TREATING			\$0
MATERIAL & SUPPLY	\$0	\$150	\$150
WATER & HAULING			\$0
ADMINISTRATIVE COSTS			\$0
GAS PLANT PROCESSING			\$0
Totals	\$0	\$350	\$350

Increased OPX Per Year

### Investment Breakdown:

	Cap/Exp Code	Cost, \$
Capital \$	820/830/840	\$1,200
Expense \$	830/840	\$0
Total \$		\$1,200

Oil Price	\$ 23.00	\$/BO
Gas Price	\$ 3.10	\$/MCF
Electric Cost	\$ -	\$/ HP / day
OPX/BF	\$ 2.00	\$/BF
OPX/MCF	\$ 0.62	\$/MCF

### Production & OPX Detail:

	Before		After		Difference
Oil Production	0.192	BOPD	0.194	BOPD	0.002
Gas Production	0	MCFPD	0	MCFPD	0
Wtr Production	0	BWPD	0	BWPD	0
Horse Power		HP		HP	0
Fuel Gas Burned		MCFPD		MCFPD	0

### Project Life:

Life = 20.0 Years  
(Life no longer than 20 years)

### Internal Rate of Return:

After Tax IROR = #DIV/0!

### AT Cum Cashflow:

Operating Cashflow = (\$2,917) (Discounted @ 10%)

### Payout Calculation:

Payout =  $\frac{\text{Total Investment}}{\text{Sum(OPX + Incremental Revenue)}}$  = 1

Payout occurs when total AT cashflow equals investment  
See graph below, note years when cashflow reaches zero

Payout = NEVER Years or #VALUE! Days

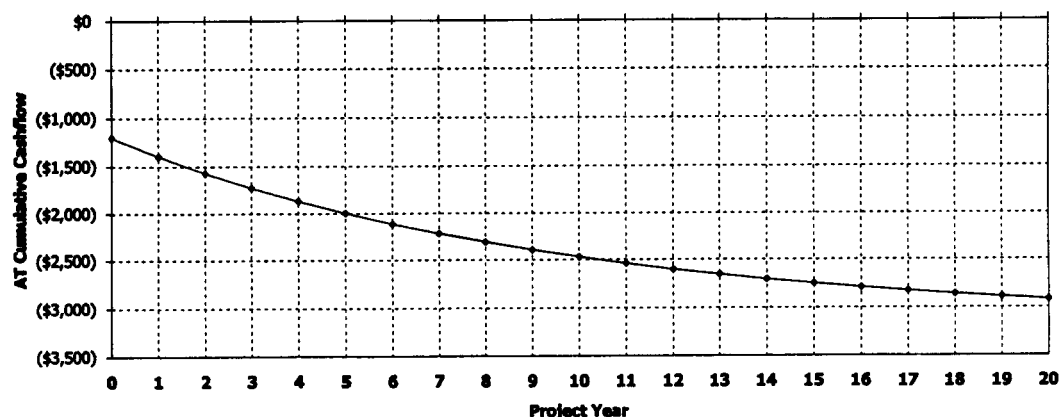
### Gross Reserves:

Oil Reserves = 6 BO  
Gas Reserves = 0 MCF  
Gas Equiv Reserves = 38 MCFE

### Notes/Assumptions:

An average NRI well produces 0.192 Bopd with no tank pressure. The production is increased to 0.194 Bopd if 4 ozs of pressure are placed on the tank. The increased production does not payout the valve cost or the estimated annual maintenance cost.

Project: Condensate Shrinkage Economics



# Westport Oil and Gas, Inc.

NBU/Ouray Field

RFL 2003-022

## COMPARISON OF FLASH BACK PRESSURES

Calculated by Characterized Equation-of-State

Flash Conditions		Gas/Oil Ratio (scf/STbbl) (A)	Specific Gravity of Flashed Gas (Air=1.000)	Separator Volume Factor (B)	Separator Volume Percent (C)
psig	°F				

### Calculated at Laboratory Flash Conditions

80	70			1.019	
0	122	30.4	0.993	1.033	101.37%
0	60	0.0	—	1.000	98.14%

### Calculated Flash with Backpressure using Tuned EOS

80	70			1.015	
6.0 oz	65	24.6	0.777	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
4.0 oz	65	24.7	0.778	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
2.0 oz	65	24.7	0.779	1.003	98.82%
0	60	0.0	—	1.000	98.52%
80	70			1.015	
0	65	24.8	0.780	1.003	98.82%
0	60	0.0	—	1.000	98.52%

(A) Cubic Feet of gas at 14.696 psia and 60 °F per Barrel of Stock Tank Oil at 60 °F.

(B) Barrels of oil at indicated pressure and temperature per Barrel of Stock Tank Oil at 60 °F.

(C) Oil volume at indicated pressure and temperature as a percentage of original saturated oil volume.

Note: Bubblepoint of sample in original sample container was 80 psig at 70° F with 1 cc water

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. UTU-0576	
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P.		Contact: SHEILA UPCHEGO E-Mail: supchego@westportresourcescorp.com	6. If Indian, Allottee or Tribe Name
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.7024 Fx: 435.781.7094	7. If Unit or CA/Agreement, Name and/or No. UTU-63047A	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 28 T9S R21E SWNW 1671FNL 2129FWL		8. Well Name and No. NBU 308	
		9. API Well No. 43-047-33413	
		10. Field and Pool, or Exploratory NATURAL BUTTES	
		11. County or Parish, and State UINTAH COUNTY, UT	

## 12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No, on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

THE OPERATOR REQUESTS AUTHORIZATION TO RE-COMplete THE SUBJECT WELL LOCATION. THE INITIAL COMPLETION TESTED THE CASTLEGATE B& C FORMATIONS, WHICH QUICKLY DECLINED LESS THAN A YEAR LATER. DURING JULY 2002, THE LOWER MESAVERDE PERFORATIONS FROM 9284'-9490' WERE ADDED AND FRACTURED. THE WELL WAS THEN CLEANED OUT TO PBTD & RETURNED BACK TO PRODUCTION FROM BOTH CASTLEGATE AND LOWER MESAVERDE ZONES. THE ADDITION OF THE MESAVERDE ZONES DOUBLED THE STABILIZED RATE FOLLOW THE RECOMPLETION. THE RECOMPLETION WILL ADD 90' OF WASATCH/MESAVERDE NET PAY TO PRODUCTION WITH IMPROVED FRACTURING METHODS TO SUBSTANTIALLY INCREASE THE SUBJECT WELL LOCATION RATE AND RESERVES.

PLEASE REFER TO THE ATTACHED RE-COMPLETION PROCEDURE.

COPY SENT TO OPERATOR  
Date: 6-30-04  
Initials: CHO

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #31450 verified by the BLM Well Information System For WESTPORT OIL &amp; GAS COMPANY L.P, sent to the Vernal</b>	
Name (Printed/Typed) SHEILA UPCHEGO	Title REGULATORY ANALYST
Signature <i>[Signature]</i>	Date 06/03/2004

## THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title <b>Accepted by the Utah Division of Oil, Gas and Mining</b>	Date <b>6/28/04</b>
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office <b>6/28/04</b>	Federal Approval of This Action Is Necessary

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED**RECEIVED  
JUN - 8 2004

DIV. OF OIL, GAS &amp; MINING

**NBU 308 Re-COMPLETION PROCEDURE (UPPER Mv AND WASATCH)****SENV-Section 28 – T9S – R21E****Uintah County, UT****May 28, 2004****ELEVATIONS:** 4943' GL 4960' KB**TOTAL DEPTH:** 11,156' **PBTD:** 11099'

**SURFACE CASING:** 13 3/8", 61#, K-55 LT&C @ 256'  
**INTERMEDIATE:** 9 5/8", 40#, S-95 LT&C @ 5073'  
**PRODUCTION CASING:** 5 1/2", 17#, P-110 LT&C @ 11,156'  
Marker Joint 5645'-5661+'

**TUBING:** 2 3/8", 4.7#, N-80 EUE @ 9,266' SN @ 9,233'**EXISTING PERFORATIONS:****All perfs are opened**

Mesa Verde: 9,284' - 9,288' 4 SPF  
9,358' - 9,360' 4 SPF  
9,385' - 9,388' 4 SPF  
9,489' - 9,490' 4 SPF  
Castlegate "B" 10,780'-10,788' 3 SPF  
10,688'-10,692' 1 SPF  
10,648'-10,652' 1 SPF  
10,624'-10,632' 4 SPF  
Castlegate "C" 10,996'-11,010' 6 SPF  
10,925'-10,931' 6 SPF

**TUBULAR PROPERTIES:**

	BURST+ (psi)	COLLAPSE (psi)	DRIFT DIA. (in.)	CAPACITIES	
				(bbl/ft)	(gal/ft)
2 3/8" 4.6# N-80 tbg	11,200	11,780	1.901"	0.00387	0.1624
5-1/2" 17# P-110 csg	10,640	7,486	4.767"	0.0232	0.9764
2 3/8" by 5-1/2" Annulus				0.0178	0.7463
2 3/8" N-80 TENSILE (YIELD) ST+RENGTH = 104,340 LBS					

**GENERAL:**

- A minimum of 10 tanks (cleaned lined 500 bbl) of fresh water will be required. Note: Use biocide in tanks and the water needs to be at least 70°F at pump time.
- All perforation depths are from the Schlumberger's Azimuthal Laterlog-Neutron-Density log dated 06/25/2001.
- 3 fracturing stages required for coverage.
- Procedure calls for 4 (5 1/2" 17ppf) CBP's (2-10,000 psi and 2-5000 psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.

- Put scale inhibitor 2 gals/1000 gals in all pad stages and 7 gals/1000 gals in all flush stages (except the last flush stage).
- 20/40 mesh Ottawa sand, 16-18#/1000 gal. gel loading.
- Maximum surface pressure 10000 psi.
- Flush volumes are the sum of slick water and acid used during displacement. DO NOT OVERDISPLACE. Stage acid if necessary to cover the next perforated interval.
- See attached perforating scheme for perfs that may have been omitted due to being wet or to control height (but will be covered with the fracture)

### **PROCEDURE:**

1. MIRU. NU and test BOP. POOH standing back tbg (EOT @ 9266'). RIH 4 3/4" mill and clean out to ~9,500' (across all Mv perfs). RIH and set a 10,000 psi CBP @ 8979'. Pressure test BOP and casing to 10,000 psi. Circulate hole clean with 2% KCL. POOH.

2. Perf the following with 3-3/8" gun, 23 gm, 0.35" hole:

Zone	From	To	spf	# of shots
Mesaverde	8678	8680	4	8
Mesaverde	8909	8913	4	16
Mesaverde	8944	8949	4	20
# of Perfs/stage				44

3. Breakdown perfs and establish injection rate (include 7gals/1000gals scale inhibitor in fluid). Fracture as outlined in Stage 1 on attached listing. Under-displace to ~8500' and include 500 gal 15% HCl (766' in 4 1/2" casing) & 7 gals/1000gals scale inhibitor in flush.

**Note: All CBP to be for 5 1/2", 17 ppf casing.**

**Will also need a 4 3/4" bit to D/O CBP at the end.**

4. Set 10,000 psi CBP at ~8418'. Perf the following with 3 3/8" gun, 23 gm charge, 0.35" hole:

Zone	From	To	spf	# of shots
Mesaverde	8122	8124	4	8
Mesaverde	8268	8272	4	16
Mesaverde	8316	8320	4	16
Mesaverde	8385	8388	4	12
# of Perfs/stage				52

5. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~7942' and **do not** include 500 gal 15% HCl (766' in 4 1/2" casing) but include 7 gals/1000gals scale inhibitor in flush. **Note: Space out scale inhibitor.**

6. Set 5,000 psi CBP at ~7016'. Perf the following with 3 1/8" HSC gun, 12 gm charge, 0.34" hole:

Zone	From	To	spf	# of shots
Wasatch	6829	6831	4	8
Wasatch	6983	6986	4	12
# of Perfs/stage				20



7. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~6650' and **do not** include 500 gal 15% HCl or inhibitor in the flush (766' in 4 1/2" casing).
8. Set 5000 psi CBP at ~6500'.
9. TIH with 4 3/4" bit, pump off sub, SN and tubing.
10. Drill plugs and clean out to PBTD. Shear off bit and land tubing at ±9266' (where it was before) unless indicated otherwise by the well's behavior.
11. RDMO

**RBM**

**Operations Manager**

---

**J. T. Conley**

**Fracturing Perforating Plan**  
**NBU 308 ReCompletion**

Frac Stage	Zones	Perforations		SPF	Holes
		Top, ft.	Bot., ft.		
1	Mesaverde	8678	8680	4	8
	Mesaverde	8909	8913	4	16
	Mesaverde	8944	8949	4	20
	# of Perfs/stage				44
2	Mesaverde	8122	8124	4	8
	Mesaverde	8268	8272	4	16
	Mesaverde	8316	8320	4	16
	Mesaverde	8385	8388	4	12
	# of Perfs/stage				52
3	Wasatch	6829	6831	4	8
	Wasatch	6983	6986	4	12
	# of Perfs/stage				20
4					
	# of Perfs/stage				0
5					
	# of Perfs/stage				0
6					
	# of Perfs/stage				0
7					
	# of Perfs/stage				0
8					
	# of Perfs/stage				0
Total # of perfs					116

**Perfs omitted due to water**

**Perfs omitted to control heigh!**  
Mfrac shows these perfs will be contacted and propped by the initiated fracture

**Fracturing Schedules  
NBU 308 ReCompletion**

Stage	Zone	Perfs		SPF	Holes	Rate BPM	See notes below		Gel ppg	Sand		Volume		Cumulative Volume		Fluid % of Frac	Sand % of Frac	Sand lbs.	Cum Sand lbs.
		Top, ft.	Bot., ft.				Fluid Type	Initial ppg	Final ppg			gals.	Bbls.	gals.	Bbls.				
1	Mesaverde	8,678	8,680	4	8	35	Pad	1	5	18		8,750	208	8,750	208	20.0	0.0%	0	0
	Mesaverde	8,909	8,913	4	16	35	Ramp (ppg)			18		12,500	298	21,250	506	28.6	25.0%	37,500	37,500
	Mesaverde	8,944	8,949	4	20	35	Sand (ppg)	5	5	18		22,500	536	43,750	1,042	51.4	75.0%	112,500	150,000
	Mesaverde					35	Flush (5 1/2")					8,299	198	52,049	1,239			0	150,000
# of Perfs/stage					44		Calc DH temp			189				Flush depth	8,500			CIBP depth	8,979
						40.0	<< Above pump time (min)												
2	Mesaverde	8,122	8,124	4	8	35	Pad			18		21,000	500	21,000	500	20.0	0.0%	0	0
	Mesaverde	8,268	8,272	4	16	35	Ramp (ppg)	1	5	18		30,000	714	51,000	1,214	28.6	25.0%	90,000	90,000
	Mesaverde	8,316	8,320	4	16	35	Sand (ppg)	5	5	18		54,000	1,286	105,000	2,500	51.4	75.0%	270,000	360,000
	Mesaverde	8,385	8,388	4	12	35	Flush (5 1/2")					7,755	185	112,755	2,685			0	360,000
# of Perfs/stage					52		Calc DH temp			180				Flush depth	7,942			CIBP depth	8,418
						87.8	<< Above pump time (min)												
3	Wasatch	6,829	6,831	4	8	25	Pad	1	6	16		3,000	71	3,000	71	18.0	0.0%	0	0
	Wasatch	6,963	6,966	4	12	25	Ramp (ppg)			16		4,900	117	7,900	188	29.3	24.5%	17,150	17,150
	Wasatch					25	Sand (ppg)	6	6	16		8,808	210	16,708	398	52.7	75.5%	52,850	70,000
	Wasatch					25	Flush (5 1/2")					6,493	155	23,201	552			0	70,000
# of Perfs/stage					20		Calc DH temp			159				Flush depth	6,650			CIBP depth	7,016
						25.1	<< Above pump time (min)												
4							Pad					0	0	0	0	#####	#####	0	0
							Ramp (ppg)	1	5			0	0	0	0	#####	#####	0	0
							Sand (ppg)	5	5			0	0	0	0	#####	#####	0	0
							Flush (4 1/2")					0	0	#####	#####	#####	#####	0	0
# of Perfs/stage					0		Calc DH temp							Flush depth				CIBP depth	
						#####	<< Above pump time (min)												
5							Pad					0	0	0	0	#####	#####	0	0
							Ramp (ppg)	1	5			0	0	0	0	#####	#####	0	0
							Sand (ppg)	5	5			0	0	0	0	#####	#####	0	0
							Flush (4 1/2")					0	0	#####	#####	#####	#####	0	0
# of Perfs/stage					0		Calc DH temp							Flush depth				CIBP depth	
						#####	<< Above pump time (min)												
6							Pad					0	0	0	0	#####	#####	0	0
							Ramp (ppg)	1	6			0	0	0	0	#####	#####	0	0
							Sand (ppg)	6	6			0	0	0	0	#####	#####	0	0
							Flush (4 1/2")					0	0	#####	#####	#####	#####	0	0
# of Perfs/stage					0		Calc DH temp							Flush depth				CIBP depth	
						#####	<< Above pump time (min)												
7							Pad					0	0	0	0	#####	#####	0	0
							Ramp (ppg)	1				0	0	0	0	#####	#####	FALSE	0
							Sand (ppg)	0	0			0	0	0	0	#####	#####	FALSE	0
							Flush (4 1/2")					0	0	#####	#####	#####	#####	0	0
# of Perfs/stage					0		Calc DH temp							Flush depth				CIBP depth	
						#####	<< Above pump time (min)												
8							Pad					0	0	0	0	#####	#####	0	0
							Ramp (ppg)	1				0	0	0	0	#####	#####	FALSE	0
							Sand (ppg)	0	0			0	0	0	0	#####	#####	FALSE	0
							Flush (4 1/2")					0	0	#####	#####	#####	#####	0	0
# of Perfs/stage					0		Calc DH temp							Flush depth				CIBP depth	
						#####	<< Above pump time (min)												
Total # of perfs					116		TOTALS:							188,005	4,476				580,000

Minimum # of tanks required for frac job = 10

**Notes:**

Put biocide in all tanks and make sure temperature is >70°F prior to pumping frags.

Pad fluid to contain scale inhibitor.

Maximum surface pressure of 10,888

Flush volumes are approximate and represent the sum of slick water and acid used while displacing. DO NOT OVER DISPLACE (stay >50' from the top perf if possible).

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0135  
Expires: November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**  
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*

**SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

5. Lease Serial No. UTU0576
6. If Indian, Allottee or Tribe Name
7. If Unit or CA/Agreement, Name and/or No. UTU63047A
8. Well Name and No. NBU 308
9. API Well No. 43-047-33413
10. Field and Pool, or Exploratory NATURAL BUTTES
11. County or Parish, and State UINTAH COUNTY, UT

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P.	Contact: SHEILA UPCHEGO E-Mail: supchego@westportresourcescorp.com
3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078	3b. Phone No. (include area code) Ph: 435.781.7024 Fx: 435.781.7094
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 28 T9S R21E SWNW 1671FNL 2129FWL	

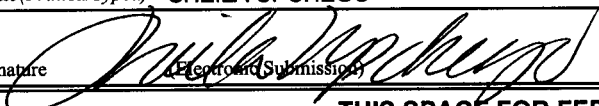
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

AN RECOMPLETION WAS PERFORMED ON THE SUBJECT WELL LOCATION. THE SUBJECT WELL LOCATION WAS PLACED BACK ON PRODUCTION ON 7/23/04 AT 8 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct. <b>Electronic Submission #33860 verified by the BLM Well Information System For WESTPORT OIL &amp; GAS COMPANY L.P., sent to the Vernal</b>	
Name (Printed/Typed) SHEILA UPCHEGO	Title REGULATORY ANALYST
Signature 	Date 07/30/2004

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED**

**RECEIVED**

**AUG 03 2004**

DIV. OF OIL, GAS & MINERAL

**Westport Oil and Gas  
PRODUCTION REPORT**

CHRONOLOGICAL HISTORY

**NBU 308**

Page 1

NATURAL BUTTES FIELD  
UINTAH COUNTY, UT

WT:

PBTD:                PERFS:

CSG:

SPUD DATE:

**RECOMPLETION**

**7/19/04**        PROG: 7:00 AM OPEN WELL. 100#. BLOW DN. RU NATCO TO TBG. PMP 8 BBLS. ACID DN TBG, DIS W/ 10 BBLS 2% KCL. POOH W/ 296 JTS 2-3/8" TBG. RU WIRELINE, RIH W/ 4-3/4" GAUGE TO 9100'. RIH & SET 5-1/2", 10K CBP @ 8979'. RIG PMP FILL WELL W/ 130 BBLS. 2% KCL. PRESS TEST TO 4500#, HELD. PU & RIH W/ 3-3/8" GUN. PERF 8678'-8949'. 4 SPF. NO PRESS. SWI 4:00 PM.

**7/20/04**        PROG: 7:00 AM OPEN WELL. 1890# ON WELL. STAGE #1. RU SCHLUMBERGER. PERFS TO FRAC 8678-8949'. TEST LINES. BROKE PERFS @ 3181, INJ R: 37.5, INJ P: 3870, ISIP: 2820, FG: 0.75, MP: 9525, MR: 41, AP: 4230, AR: 38, FG: 1.4, ISIP: 8600#, NPI: 5780#, CLEAN 1260 BBLS, SAND 148,600#.

STAGE #2: RIH W/ 5-1/2" 10K CBP , SET @ 8420'. 3-3/8" GUNS, PERF 8122-8388'. 52 HOLES. 1200# ON WELL. RU SCHLUMBERGER. BROKE PERFS @ 2826, INJ R: 3.8, INJ P: 2280, ISIP: 2080#, FG: 0.69, MP: 4652, MR: 52.8, AP: 3269, AR: 43.5, FG: 0.82, ISIP: 3160#, NPI: 1080#, CLEAN 2655, SAND 350,000#.

STAGE #3: RIH W/ CBP, SET @ 7043', 6829-6986', 20 HOLES. RD CUTTERS. RU SCHLUMBERGER. BROKE PERFS @ 2520, INJ R: 3.9, INJ P: 2390, ISIP: 2425#, FG: 0.78, MP: 9548, MR: 31.6, AP: 3296, AR: 26.8, SCREENED OFF, 445 BBLS. CLEAN, 40,185# SAND IN PERFS WHEN SCREENED. RD SCHLUMBERGER. FLOWBACK TO TANK. FLOW WELL ON OPEN CHK. OPEN PRESS 3200. 1 HR FLWD 247 BBLS, NO PRESS. TURN OVER TO FLOWBACK CREW 5:00 PM.

WELL ON FLOWBACK. FLOWBACK REPORT: CP: 0#, NO TP, 0 BWPH, 24 HRS, SD: HEAVY, 410 TTL BBLS FLWD, TODAY'S LTR: 445 BBLS, LOAD REC TODAY: 410 BBLS, REMAINING LTR: 35 BBLS, TOTAL LOAD REC TO DATE: 410 BBLS.

**7/21/04**        PROG: 7:00 AM WELL FLOWING SLIGHT GAS BLOW, OPEN CHK NO PRESS. PMP 50 BBLS DOWN WELL & KILL. PU 4-3/4" BIT & POBS. RIH W/ 2-3/8" TBG. TAG @ 6997'. 45' FT SAND. RU DRL EQUIP. BROKE CONV. CIRC. DRL DN TO CBP @ 7043'. DRL UP CBP @ 7043'. 300# INC. RIH TAG @ 8390'. DRL DN TO CBP @ 8420' DRL UP CBP @ 8420'. 200# INC. RIH TAG @ 8939', 40' SAND DRL DN TO CBP @ 8979'. DRL UP CBP @ 8979' NO-PRESS INC. (OLD PERFS BELOW) RIH TAG SCALE @ 10623' DRL DN TO 10683'. CIRC WELL. POOH TO 9100' SWI 6:00 PM.

**7/22/04**        PROG: 7:00 AM OPEN WELL. BLOW DN. RIH TAG @ 10,686'. BROKE CONV. CIRC. DRL SCALE BRIGDES DN TO 11015', (BOTTOM OLD PERF 11010'). CIRC WELL CLEAN. POOH. LD 2-3/8" TBG. LAND TBG W/ 296 JTS. EOT @ 9263. NDBOP, NUWH. DROP

BALL, PMP 80 BBLS. NO FLOW. RD RIG TURN WELL OVER TO FLOWBACK CREW.  
3:00 PM LOAD LEFT TO REC 2840 BBLS.

WELL ON FLOWBACK. FLOWBACK REPORT: CP: 1450#, TP: 850#, 24/64" CHK, 15  
BWPH, 13 HRS, SD: TRACE, TTL BBLS FLWD: 270, TODAY'S LTR: 2360 BBLS, LOAD  
REC TODAY: 270 BBLS, REMAINING LTR: 2090 BBLS, TOTAL LOAD REC TO DATE: 680  
BBLS.

**7/23/04** PROG: WELL ON FLOWBACK. FLOWBACK REPORT: CP: 1150#, TP: 675#, 24/64" CHK,  
10 BWPH, 25 HRS, SD: CLEAN, TTL BBLS FLWD: 280, TODAY'S LTR: 2090 BBLS, LOAD  
REC TODAY: 280 BBLS, REMAINING LTR: 1810 BBLS, TOTAL LOAD REC TO DATE:  
960 BBLS.

**7/26/04** PROG: WELL WENT ON SALES 7/23/04.

**ON SALES**

7/23/04: 761 MCF, 0 BC, 240 BW, TP: 418#, CP: 962#, 12/64" CHK, 24 HRS, LP: 103#.  
7/24/04: 793 MCF, 0 BC, 240 BW, TP: 397#, CP: 928#, 12/64" CHK, 24 HRS, LP: 110#.

**7/27/04** **ON SALES**

7/25/04: 856 MCF, 0 BC, 240 BW, TP: 394#, CP: 915#, 12/64" CHK, 24 HRS, LP: 121#.

**7/28/04** **ON SALES**

7/26/04: 981 MCF, 0 BC, 240 BW, TP: 403#, CP: 788#, 12/64" CHK, 24 HRS, LP: 127#.

**7/29/04** **ON SALES**

7/27/04: 943 MCF, 0 BC, 240 BW, TP: 262#, CP: 678#, 14/64" CHK, 24 HRS, LP: 121#.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: November 30, 2000

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
UTU-0576

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other			6. If Indian, Allottee or Tribe Name		
b. Type of Completion <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____			7. Unit or CA Agreement Name and No. UTU63047A		
2. Name of Operator WESTPORT OIL & GAS COMPANY L.P			8. Lease Name and Well No. NBU 308		
3. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078			9. API Well No. 43-047-33413		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* Sec 28 T9S R21E Mer SLB At surface    SENW 1671FNL 2129FWL  At top prod interval reported below  At total depth			10. Field and Pool, or Exploratory NATURAL BUTTES		
14. Date Spudded 09/06/2001			15. Date T.D. Reached 06/23/2001		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 07/23/2004			17. Elevations (DF, KB, RT, GL)* 4943 GL		
18. Total Depth:    MD    11150 TVD		19. Plug Back T.D.:    MD    11099 TVD		20. Depth Bridge Plug Set:    MD    TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) N/A			22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 K-55	61.0		258		220			
12.250	9.625 S-95	40.0		5073		1075			
7.875	5.500 P-110	17.0		11156		1780			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	9263							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	8678	8949	8678 TO 8949			
B) MESAVERDE	8122	8388	8122 TO 8388		52	
C) WASATCH	6829	6986	6829 TO 6986		20	
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8678 TO 8949	CLEAN W/1260 BBLs 148,600# SD
8122 TO 8388	CLEAN W/2655 BBLs 350,000# SD
6829 TO 6986	SCREENED OFF W/445 BBLs & 40,185# SD IN PERF

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/23/2004	07/26/2004	24	→	0.0	981.0	240.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. 403 SI	Csg. Press. 788.0	24 Hr. Rate →	Oil BBL 0	Gas MCF 981	Water BBL 240	Gas:Oil Ratio	Well Status PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/23/2004	07/26/2004	24	→	0.0	981.0	240.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. 403 SI	Csg. Press. 788.0	24 Hr. Rate →	Oil BBL 0	Gas MCF 981	Water BBL 240	Gas:Oil Ratio	Well Status PGW	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #33971 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

**\*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\* OPERATOR-SUBMITTED \*\***

RECEIVED

AUG 12 2004

DIV. OF OIL, GAS & MINING

## 28b. Production - Interval C

Date First Produced 07/23/2004	Test Date 07/26/2004	Hours Tested 24	Test Production →	Oil BBL 0.0	Gas MCF 981.0	Water BBL 240.0	Oil Gravity Corr. API	Gas Gravity	Production Method FLOWS FROM WELL
Choke Size 12/64	Tbg. Press. Flwg. 403 SI	Csg. Press. 788.0	24 Hr. Rate →	Oil BBL 0	Gas MCF 981	Water BBL 240	Gas:Oil Ratio	Well Status PGW	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)  
SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREEN RIVER WASATCH MESAVARDE	1687 4964 7942	4964 7942 7942			

32. Additional remarks (include plugging procedure):  
NO REMARK PROVIDED

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #33971 Verified by the BLM Well Information System.  
For WESTPORT OIL & GAS COMPANY L.P., sent to the Vernal

Name (please print) SHEILA UPCHEGO  Title REGULATORY ANALYST

Signature \_\_\_\_\_ (Electronic Submission) Date 08/05/2004

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**\*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\* ORIGINAL \*\***



Division of Oil, Gas and Mining  
**OPERATOR CHANGE WORKSHEET**

**ROUTING**

1. DJJ

2. CDW

**X Change of Operator (Well Sold)**

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

**1/6/2006**

**FROM: (Old Operator):**

N2115-Westport Oil & Gas Co., LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

**TO: ( New Operator):**

N2995-Kerr-McGee Oil & Gas Onshore, LP  
 1368 South 1200 East  
 Vernal, UT 84078  
 Phone: 1-(435) 781-7024

CA No.		Unit:		NATURAL BUTTES UNIT				
WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS

**OPERATOR CHANGES DOCUMENTATION**

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- b. If **NO**, the operator was contacted on: \_\_\_\_\_
- 5a. (R649-9-2)Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a 3 LA wells & all PA wells transferred
- 5c. Reports current for Production/Disposition & Sundries on: ok
- 6. Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
- 7. Federal and Indian Units:**  
The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
- 8. Federal and Indian Communization Agreements ("CA"):**  
The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
- 9. Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: \_\_\_\_\_

**DATA ENTRY:**

- Changes entered in the **Oil and Gas Database** on: 5/15/2006
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
- Bond information entered in RBDMS on: 5/15/2006
- Fee/State wells attached to bond in RBDMS on: 5/16/2006
- Injection Projects to new operator in RBDMS on: \_\_\_\_\_
- Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

**BOND VERIFICATION:**

- Federal well(s) covered by Bond Number: CO1203
- Indian well(s) covered by Bond Number: RLB0005239
- (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG  
The Division sent response by letter on: \_\_\_\_\_

**LEASE INTEREST OWNER NOTIFICATION:**

- (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

**COMMENTS:**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUNDRY NOTICES AND REPORTS ON WELLS**

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE - Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**KERR-McGEE OIL & GAS ONSHORE LP**

3a. Address

**1368 SOUTH 1200 EAST VERNAL, UT 84078**

3b. Phone No. (include area code)

**(435) 781-7024**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**SEE ATTACHED**

5. Lease Serial No.

**MULTIPLE LEASES**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

**MUTIPLE WELLS**

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

**UINTAH COUNTY, UTAH**

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

**TYPE OF SUBMISSION**

**TYPE OF ACTION**

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other **CHANGE OF OPERATOR**

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

**RECEIVED**

**MAY 10 2006**

DIV. OF OIL, GAS & MINING

**BLM BOND = C01203**

**BIA BOND = RLB0005239**

**APPROVED 5/16/06**

**Earlene Russell**  
Division of Oil, Gas and Mining  
**Earlene Russell, Engineering Technician**

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

**RANDY BAYNE**

Title

**DRILLING MANAGER**

Signature

Date

**May 9, 2006**

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06

Earlene Russell  
Division of Oil, Gas and Mining  
Earlene Russell, Engineering Technician

RECEIVED

MAY 10 2006

DIV OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Signature

Title

ENGINEERING SPECIALIST

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Brad Laney

Title

Office

Date

5-9-06

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)



## United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Colorado State Office  
2850 Youngfield Street  
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)  
3106  
COC017387 et. al.

March 23, 2006

### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :  
1999 Broadway, Suite 3700 : Oil & Gas  
Denver, CO 80202 :

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell  
Martha L. Maxwell  
Land Law Examiner  
Fluid Minerals Adjudication

**Attachment:**

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Utah State Office  
P.O. Box 45155  
Salt Lake City, UT 84145-0155  
<http://www.blm.gov>



IN REPLY REFER TO:  
3106  
(UT-922)

March 27, 2006

### Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of  
Fluid Minerals

### Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225  
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114  
Teresa Thompson  
Joe Incardine  
Connie Seare  
Dave Mascarenas  
Susan Bauman

RECEIVED

MAR 28 2006

DIV. OF OIL, GAS & MINERALS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
SUNDRY NOTICES AND REPORTS ON WELLS

**Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

FORM APPROVED  
OMB No. 1004-0135  
Expires November 30, 2000

**SUBMIT IN TRIPLICATE – Other instructions on reverse side**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1671' FNL 2129' FWL  
SENN, SEC.28 T9S-R21E

5. Lease Serial No.

UTU0576

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

UTU63047A

8. Well Name and No.

NBU 308

9. API Well No.

4304733413

10. Field and Pool, or Exploratory Area

NATURAL BUTTES

11. County or Parish, State

UINTAH COUNTY, UTAH

**12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

THE SUBJECT WELL LOCATION WAS PLACED ON PRODUCTION ON 10/02/2008 AT 8:45 AM.

PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

SHEILA UPCHEGO

Title

SENIOR LAND ADMIN SPECIALIST

Signature

*Sheila Upchego* WK

Date

October 6, 2008

**THIS SPACE FOR FEDERAL OR STATE USE**

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED

OCT 08 2008

DIV. OF OIL, GAS & MINING

<b>Wins No.:</b> 71944		<b>NBU 308</b>		<b>API No.:</b> 4304733413			
<b>EVENT INFORMATION:</b>		EVENT ACTIVITY: RECOMPLETION		START DATE: 9/24/2008			
		OBJECTIVE: DEVELOPMENT		END DATE: 9/30/2008			
		OBJECTIVE 2: RECOMPLETE		DATE WELL STARTED PROD.: 9/6/2000			
		REASON: WAS REC SW		Event End Status: COMPLETE			
<b>RIG OPERATIONS:</b>		Begin Mobilization	Rig On Location	Rig Charges	Rig Operation Start		
					Finish Drilling		
					Rig Release		
					Rig Off Location		
KEY 243 / 243		09/24/2008					
		09/30/2008					
Date	Time Start-End	Duration (hr)	Phase	Code	Subcode	P/U	Operation
9/24/2008	<b>SUPERVISOR:</b> KEN WARREN						
	7:00 - 7:15	0.25	COMP	48		P	HSM, R/D - R/U
	7:15 - 19:00	11.75	COMP	47	A	P	MIRU, SPOT EQUIP, 50# FTP, 300# SICP, BLOW WELL DN, N/D WELL HEAD, N/U 7-1/16 10K BOPS, POOH W/ HANGER, POOH W/ 296 JNTS 2-3/8 L-80 TBG, CRIMPED 8 JNTS BECAUSE OVER TIGHTENED, SWIFN.
9/25/2008	<b>SUPERVISOR:</b> KEN WARREN						
	7:00 - 7:15	0.25	COMP	48		P	HSM, WORKING W/ WIRE LINE.
	7:15 - 11:29	4.23	COMP	47	B	P	MIRU CUTTERS WIRE LINE, P/U RIH W/ 4-3/4 GAUGE RING, RIH TO 6225' [NO PROBLEMS] POOH P/U BKR 8K 5-1/2 CBP, RIH SET @ 6162', R/U RIG PUMP, PUMP 200 BBLS NO PRESSURE. P/U SINKER BAR W/ WIRE LINE RIH TO 9350' DID NOT FIND BKR PLUG, POOH P/U ANOTHER BKR 8K 5-1/2 CBP, RIH & SET @ 6189', POOH, PUMP 147 BBLS 2% KCL FILL HOLE, MIRU B&C QUICK TEST, PRESSURE TEST CSG & BOPS TO 6400# [GOOD TEST] R/D TESTERS, P/U RIH W/ 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, PERF WASATCH 6128'-6132' 4 SPF, 90° PH, 16 HOLES, 5966'-5974' 3 SPF, 120° PH, 24 HOLES. [40 HOLES] SWI.
9/26/2008	<b>SUPERVISOR:</b> KEN WARREN						
	7:00 - 15:00	8.00	COMP	47		P	STNDBY
9/29/2008	<b>SUPERVISOR:</b> KEN WARREN						
	7:00 - 7:15	0.25	COMP	48		P	HSM, FRACING
	7:15 - 18:00	10.75	COMP	36	E	P	MIRU WTHRFRD FRAC & CUTTERS WIRE LINE, FRAC STG #1 IN WASATCH. 5966'-6132'.  STG #1] WHP=130#, BRK DN PERFS @ 1837#, INJ PSI=3146#, INJT RT=50, ISIP=1362#, FG=.67, PUMP'D 1691.2 BBLS SLK / WTR W/ 56506# 30/50 MESH W/ 5000# RESIN COAT IN TAIL. ISIP=1739#, FG=.73, AR=51.1, AP=2886#, MR=51.4, MP=3838#, NPI=377#, 35/40 CALC PERFS OPEN 88%.  STG #2] P/U RIH W/ BKR 5-1/2 8K CBP & PERF GUN. SET CBP @ 5826', PERF WASATCH USING 3-3/8 EXPEND, 23 GRM, 0.36" HOLE, 3 SPF, 120° PH, [42 HOLES] 5790'-5796' 18 HOLES. 5628'-5632' 12 HOLES, 5556'-5560' 12 HOLES.  WHP=209#, BRK DN PERFS @ 2053#, INJ PSI=2513#, INJ RT=50, ISIP=754#, FG=.58, PUMP'D 1740.7 BBLS SLK / WTR W/ 61932# 30/50 MESH W/ 5000# RESIN COAT IN TAIL. ISIP=1547#, FG=.72, AR=49.4, AP=2235#, MR=49.7, MP=2631#, NPI=793#, 36/42 CALC PERFS OPEN, 86%.  P/U & RIH W/ BKR 8K 5-1/2 CBP. SET CBP @ 5506' POOH R/D CUTTERS & WTHRFRD FRAC, P/U RIH W/ 4-3/4 BIT W/ POBS. TAG KILL PLUG @ 5506', P/U PWR SWVL, PULL HIGH KELLEY SWIFN.
9/30/2008	<b>SUPERVISOR:</b> KEN WARREN						
	7:00 - 7:15	0.25	COMP	48		P	HSM, P/U PWR SWVL



Wins No.: 71944		NBU 308				API No.: 4304733413	
7:15	- 18:00	10.75	COMP	44	C	P	OPEN WELL 0# TBG, 0# CSG, P/U PWR SWVL, EST CIRC.  PLUG #1] DRL THROUGH BKR 8K 5-1/2 CBP @ 5,506' IN 10 MIN. 0# INCREASE.  PLUG #2] CONTINUE TO RIH; TAG SAND @ 5,796' [30' FILL] C/O & DRL THROUGH BKR 8K CBP @ 5,826' IN 15 MIN. 0# INCREASE.  PLUG #3] CONTINUE TO RIH, TAG SAND @ 6,122' [40' FILL] RIG UP FOAM UNIT, C/O & DRL THROUGH BKR 8K CBP @ 6,162' IN 10 MIN. 400# INCREASE, CONTINUE TO RIH TAG @ 9,700' BRK CIRC W/ AIR FOAM UNIT FELL THROUGH @ 9,722' CONTINUE TO RIH TAG @ 10,936', C/O TO PBTD @ 11,066' CIRC HOLE W/ AIR FOAM, L/D 67 JNTS TURN WELL OVER TO FLOW BACK CREW FOR NIGHT. EOT @ 9,263'
10/1/2008	SUPERVISOR: KEN WARREN						
7:00	- 7:15	0.25	COMP	48		P	HSM, TRIPPING TBG
7:15	- 18:00	10.75	COMP	31	I	P	WELL FLOWING W/ 100# UP CSG, 0# TBG, POOH W/ 3-7/8 BIT W/ POBS, CONTROL WELL W/ 45 BBLS, DROP OFF POBS PKG, P/U X-N NOTCHED COLLAR [1.875] RIH W/ 296 JNTS 2-3/8 L-80 TBG, LAND TBG EOT @ 9,263'. HOOK UP AIR FOAM UNIT, BLOW DN TBG TO CLEAR, TURN AROUND HOOK UP TO CSG TO GET WELL FLOWING UP TBG. TURN WELL OVER TO FLOW BACK CREW.
10/1/2008	SUPERVISOR: -						
7:00	-			33	A		7 AM FLBK REPORT: CP 0#, TP 0#, Open/64" CK, 20 BWPH, - SAND, - GAS TTL BBLS RECOVERED: 360 BBLS LEFT TO RECOVER: 3072
10/2/2008	SUPERVISOR: -						
7:00	-			33	A		7 AM FLBK REPORT: CP 800#, TP 800#, 20/64" CK, 0 BWPH, CLEAN SAND, - GAS TTL BBLS RECOVERED: 420 BBLS LEFT TO RECOVER: 3012
8:45	-		PROD				WELL TURNED TO SALES @ 0845 HR ON 10/2/08 - FTP 650#, CP 750#, CK 15/64", 2191 MCDFD, 120 BWPD

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED  
OMB NO. 1004-0137  
Expires: November 30, 2000

5. Lease Serial No.

UTU-0576

1a. Type of Well ☐ Oil Well ☒ Gas ☐ Dry Other  
b. Type of Completion: ☐ New ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other reperf

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
UNIT #891008900A

8. Lease Name and Well No.  
NBU 308

2. Name of Operator

KERR-MCGEE OIL & GAS ONSHORE LP

3. Address

1368 SOUTH 1200 EAST, VERNAL, UTAH 84078

3a. Phone No. (include area code)

(435) 781-7024

9. API Well No.

4304733413

4. Location of Well (Report locations clearly and in accordance with Federal requirements)\*

At surface

SE/NW 1671'FNL, 2129'FWL

At top prod. interval reported below

10. Field and Pool, or Exploratory  
NATURAL BUTTES

11. Sec., T., R., M., or Block and  
Survey or Area SEC. 28, T9S, R21E

12. County or Parish  
UINTAH

13. State  
UTAH

At total depth

14. Date Spudded  
09/06/00

15. Date T.D. Reached  
06/23/01

16. Date Completed  
☐ D & A ☒ Ready to Prod.  
10/02/08

17. Elevations (DF, RKB, RT, GL)\*  
4943'GL

18. Total Depth: MD 11,150'  
TVD

19. Plug Back T.D.: MD 11,066'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

N/A

22. Was well cored? ☒ No ☐ Yes (Submit copy)  
Was DST run? ☒ No ☐ Yes (Submit copy)  
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2"	13 3/8"	61#		258'		220 SX			
12 1/4"	9 5/8"	40#		5073'		1075 SX			
7 7/8"	5 1/2"	17#		11,156'		1780 SX			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Set (MD)
2 3/8"	9263'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) WASATCH	5628'	6132'	5628'-6132'	0.36	82	OPEN
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and type of Material
5628'-6132'	PMP 3432 BBLs SLICK H2O & 118,438# 30/50 SD

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/02/08	10/12/08	24	→	0	870	80			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. 139#	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
20/64	SI	0#	→	0	870	80			PRODUCING GAS WELL

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

OCT 27 2008

DIV. OF OIL, GAS & MINING

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

**SOLD**

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
GREENRIVER WASATCH MESAVERDE	1687' 4964' 7942'				

## 32. Additional remarks (include plugging procedure):

## 33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)  
5. Sundry Notice for plugging and cement verification

2. Geologic Report  
5. Core Analysis

3. DST Report  
7. Other:

4. Directional Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) SHEILA UPCHEGOTitle REGULATORY ANALYST

Signature

Sheila Upchego WR

Date

10/20/08

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.